

**58000197**

**Fritzsche, Diedrich (Alfred Wegener Institute, Foundation for Polar and Marine Research, Potsdam, Federal Republic of Germany); Wilhelms, Frank; Savatyugin, Lev M.; Pinglot, Jean Francis; Meyer, Hanno; Hubberten, Hans-Wolfgang and Miller, Heinz.**

A new deep ice core from Akademii Nauk ice cap, Severnaya Zemlya, Eurasian Arctic; first results: *in* Papers from the International symposium on Ice cores and climate (Wolff, Eric W., editor), **Annals of Glaciology**, 35, p. 25-28, illus. incl. sketch map, 10 ref., 2002. *Meeting:* Aug. 19-23, 2001, Kangerlussuaq, Greenland.

**58000228**

**Kohno, Mika (National Institute of Polar Research, Tokyo, Japan) and Fujii, Yoshiyuki.**

Past 220 year bipolar volcanic signals; remarks on common features of their source volcanic eruptions: *in* Papers from the International symposium on Ice cores and climate (Wolff, Eric W., editor), **Annals of Glaciology**, 35, p. 217-223, illus. incl. 2 tables, sketch map, 57 ref., 2002. *Meeting:* Aug. 19-23, 2001, Kangerlussuaq, Greenland.

**58000235**

**Kekonen, Teija (University of Lapland, Arctic Centre, Rovaniemi, Finland); Moore, John C.; Mulvaney, Robert; Isaksson, Elisabeth; Pohjola, Veijo A. and van de Wal, Roderik S. W.**

A 800 year record of nitrate from the Lomonosovfonna ice core, Svalbard: *in* Papers from the International symposium on Ice cores and climate (Wolff, Eric W., editor), **Annals of Glaciology**, 35, p. 261-265, illus. incl. sketch map, 38 ref., 2002. *Meeting:* Aug. 19-23, 2001, Kangerlussuaq, Greenland.

**58000252**

**van de Wal, Roderik S. W. (Utrecht University, Institute for Marine and Atmospheric Research, Utrecht, Netherlands); Mulvaney, Robert; Isaksson, Elisabeth; Moore, John C.; Pinglot, Jean Francis; Pohjola, Veijo A. and Thomassen, Martijn P. A.**

Reconstruction of the historical temperature trend from measurements in a medium-length bore-hole on the Lomonosovfonna Plateau, Svalbard: *in* Papers from the International symposium on Ice cores and climate (Wolff, Eric W., editor), **Annals of Glaciology**, 35, p. 371-378, illus. incl. sketch map, 18 ref., 2002. *Meeting:* Aug. 19-23, 2001, Kangerlussuaq, Greenland. Includes appendix.

**58002087**

**Johannessen, Ola M. (Nansen Environmental and Remote Sensing Center, Bergen, Norway); Bengtsson, Lennart; Miles, Martin W.; Kuzmina, Svetlana I.; Semenov, Vladimir A.; Alekseev, Genrikh V.; Nagurnyi, Andrei P.; Zakharov, Victor F.; Bobylev, Leonid; Pettersson, Lasse H.; Hasselmann, Klaus and Cattle, Howard P.**

Arctic climate change; observed and modelled temperature and sea ice variability: **Technical Report - Nansen Environmental and Remote Sensing Center**, 218, 22 p., illus. incl. sketch maps, 34 ref., 2002.

**58003485**

**Reid, James (University of Tasmania, School of Earth Sciences, Hobart, Tasmania, Australia); Kimber, Bronwyn and Worby, Anthony.**

A calibration procedure for ship-borne EM31 sea ice thickness measurements: *in* **Ice in the environment** (Squire, Vernon, editor; *et al.*), **Proceedings of the ... International Symposium on Ice**, 16, Vol. 3, p. 207-212, illus., 10 ref., 2002. *Meeting:* 16th international symposium on Ice, Dec. 2-6, 2002, Dunedin, New Zealand.

**58003872**

**Harms, I. H. (University Hamburg, Institute for Oceanography, Hamburg, Federal Republic of Germany); Hübner, U.; Backhaus, J. O.; Kulakov, M.; Stanovoy, V.; Stepanets, Oleg V.; Kodina, L. A. and Schlitzer, R.**

Salt intrusions in Siberian river estuaries; observations and model experiments in Ob and Yenisei: *in* Siberian river run-off in the Kara Sea; characterisation, quantification, variability and environmental significance (Stein, Ruediger, editor; *et al.*), **Proceedings in Marine Science**, 6, p. 27-46, illus., 31 ref., 2003.

**58003873**

**Karcher, M. J. (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany); Kulakov, M.; Pivovarov, S.; Schauer, U.; Fauker, F. and Schlitzer, R.**

Atlantic water flow to the Kara Sea; comparing model results with observations: *in* Siberian river run-off in the Kara Sea; characterisation, quantification, variability and environmental significance (Stein, Ruediger, editor; *et al.*), **Proceedings in Marine Science**, 6, p. 47-72, illus. incl. sketch maps, 28 ref., 2003.

**58003874**

**Bauch, D. (GEOMAR, Research Center for Marine Geoscience, Kiel, Federal Republic of Germany); Erlenkeuser, H.; Stanovoy, V.; Simstich, J. and Spielhagen, R. F.**

Freshwater distribution and brine waters in the southern Kara Sea in summer 1999 as depicted by  $\delta^{18}\text{O}$  results: *in* Siberian river run-off in the Kara Sea; characterisation, quantification, variability and environmental significance (Stein, Ruediger, editor; *et al.*), **Proceedings in Marine Science**, 6, p. 73-90, illus. incl. sketch maps, 21 ref., 2003.

**58003876**

**Simstich, J. (GEOMAR, Research Center for Marine Geosciences, Kiel, Federal Republic of Germany); Stanovoy, V.; Novikhin, A.; Erlenkeuser, H. and Spielhagen, R. F.**

Stable isotope ratios in bivalve shells; suitable recorders for salinity and nutrient variability in the Kara Sea?: *in* Siberian river run-off in the Kara Sea; characterisation, quantification, variability and environmental significance (Stein, Ruediger, editor; *et al.*), **Proceedings in Marine Science**, 6, p. 111-123, illus. incl. 4 tables, sketch maps, 31 ref., 2003.

**58004173**

**Sugiyama, Shin (Hokkaido University, Institute of Low Temperature Science, Sapporo, Japan); Gudmundsson, G. Hilmar and Helbing, Jakob.**

Numerical investigation of the effects of temporal variations in basal lubrication on englacial strain-rate distribution: *in* Papers from the International symposium on Physical and mechanical processes in ice in relation to glacier and ice-sheet modelling (Duval, Paul, editor; *et al.*), **Annals of Glaciology**, 37, p. 49-54, illus., 17 ref., 2003. *Meeting:* Aug. 25-30, 2002, Chamonix, France.

**58004194**

**Adalgeirsdóttir, Gudfinna (Eidgenössische Technische Hochschule, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie, Zurich, Switzerland); Gudmundsson, G. Hilmar and Bjornsson, Helgi.**

A regression model for the mass-balance distribution of the Vatnajokull ice cap, Iceland: *in* Papers from the International symposium on Physical and mechanical processes in ice in relation to glacier and ice-sheet modelling (Duval, Paul, editor; *et al.*), **Annals of Glaciology**, 37, p. 189-193, illus. incl. sketch map, 20 ref., 2003. *Meeting:* Aug. 25-30, 2002, Chamonix, France.

**58004443**

**Pelletier, Jon D. (University of Arizona, Department of Geosciences, Tucson, AZ).**

Coherence resonance and ice ages: **Journal of Geophysical Research**, 108(D20), 14 p., illus., 37 ref., October 27, 2003.

**58005123**

**Bobylev, Leonid P. (Nansen International Environmental and Remote Sensing Centre,**

**Saint Petersburg, Russian Federation); Mognard, Nelly; Glazovsky, Andrey F.;**

**Khvorostovsky, Kirill S.; Kharuk, Vyacheslav I. and Alekseev, Genrich V.**

Land surface processes: *in* Arctic environment variability in the context of global change

(Bobylev, Leonid P., editor; *et al.*), *in the collection* Springer-Praxis books in environmental sciences (Mason, John, editor). Springer, Berlin, Federal Republic of Germany, Praxis Publishing, Chichester, United Kingdom, p. 237-307, illus. incl. 26 tables, sketch maps, 2003.

**60000217**

**Crowley, Thomas J. (Duke University, Nicholas School of the Environment and Earth Sciences, Durham, NC).**

When did global warming start?; discussion: **Climatic Change**, 61(3), p. 259-260, 1 ref., December 2003. For reference to original see Ruddiman, W. F., The Anthropogenic greenhouse era began thousands of years ago, Climate Change, Vol. 61, No. 3, p. 261-293, DOI: 10.1023/B:CLIM.0000004577.17928.fa, 2003.

DOI:10.1023/B:CLIM.0000004716.42148.85

**60000218**

**Ruddiman, William F. (University of Virginia, Department of Environmental Sciences, Charlottesville, VA).**

The Anthropogenic greenhouse era began thousands of years ago: **Climatic Change**, 61(3), p. 261-293, illus. incl. 4 tables, 73 ref., December 2003.

DOI:10.1023/B:CLIM.0000004577.17928.fa

**60000757**

**Taylor, Kendrick C. (University and Community College System of Nevada, Desert Research Institute, Reno, NV); Alley, Richard B.; Meese, Debra A.; Spencer, Matthew K.; Brook, Ed J.; Dunbar, Nelia W.; Finkel, Robert C.; Gow, Anthony J.; Kurbatov, Andrej V.; Lamorey, Gregg W.; Mayewski, Paul A.; Meyerson, Eric A.; Nishiizumi, Kunihiko and Zielinski, Gregory A.**

Dating the Siple Dome (Antarctica) ice core by manual and computer interpretation of annual layering: **Journal of Glaciology**, 50(170), p. 453-461, illus. incl. 5 tables, 23 ref., 2004. NSF Grant OPP-9526420. CRREL Report No: ERDC/CRREL MP-05-6517

**60000761**

**Pienitz, Reinhard (Université Laval, Département de Géographie, Quebec, QC, Canada); Douglas, Marianne S. V. and Smol, John P., editors.**

Long-term environmental change in Arctic and Antarctic lakes: **Developments in Paleoenvironmental Research**, 8, 562 p., illus. incl. tables, sketch maps, 2004. ISBN: 1-4020-2125-9; 1-4020-2126-7; 1-4020-2125-1; 1-4020-2126-8. Individual papers within scope are cited separately.

publisher:<http://springeronline.com>

**60000762**

**Pienitz, Reinhard (Université Laval, Département de Géographie, Quebec, QC, Canada); Douglas, Marianne S. V. and Smol, John P.**

Paleolimnological research in polar regions; an introduction: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 1-17, illus. incl. sketch maps, 100 ref., 2004.

**60000763**

**Wolfe, Alexander P. (University of Alberta, Department of Earth and Atmospheric Sciences, Edmonton, AB, Canada); Miller, Gifford H.; Olsen, Carrie A.; Forman, Steven L.; Doran, Peter T. and Holmgren, Sofia U.**

Geochronology of high latitude lake sediments: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 19-52, illus. incl. 5 tables, 125 ref., 2004.

**60000764**

**Lamoureux, Scott F. (Queen's University, Department of Geography, Kingston, ON, Canada) and Gilbert, Robert.**

Physical and chemical properties and proxies of high latitude lake sediments: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 53-87, illus., 138 ref., 2004.

**60000765**

**Gajewski, Konrad (University of Ottawa, Department of Geography, Ottawa, ON, Canada) and MacDonald, Glen M.**

Palynology of North American Arctic lakes: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 89-116, illus. incl. sketch maps, 120 ref., 2004.

**60000766**

**Douglas, Marianne S. V. (University of Toronto, Department of Geology, Toronto, ON, Canada); Hamilton, Paul B.; Pienitz, Reinhard and Smol, John P.**

Algal indicators of environmental change in Arctic and Antarctic lakes and ponds: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 117-157, illus., 286 ref., 2004. Includes appendix.

**60000767**

**Bennike, Ole (Geological Survey of Denmark and Greenland, Copenhagen, Denmark); Brodersen, Klaus P.; Jeppesen, Erik and Walker, Ian R.**

Aquatic invertebrates and high latitude paleolimnology: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 159-186, illus., 120 ref., 2004. Includes appendix.

**60000768**

**Edwards, Thomas W. D. (University of Waterloo, Department of Earth Sciences, Waterloo, ON, Canada); Wolfe, Brent B.; Gibson, John J. and Hammarlund, Dan.**

Use of water isotope tracers in high latitude hydrology and paleohydrology: *in Long-term environmental change in Arctic and Antarctic lakes* (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 187-207, illus. incl. sketch map, 72 ref., 2004.

**60000769**

**Muir, Derek C. G. (Environment Canada, National Water Research Institute, Burlington, ON, Canada) and Rose, Neil L.**

Lake sediments as records of Arctic and Antarctic pollution: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 209-239, illus. incl. sketch map, 147 ref., 2004.

**60000770**

**Wolfe, Alexander P. (University of Alberta, Department of Earth and Atmospheric Sciences, Edmonton, AB, Canada) and Smith, I. Rod.**

Paleolimnology of the middle and high Canadian Arctic: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 241-268, illus. incl. 3 tables, sketch maps, 135 ref., 2004.

**60000771**

**Finney, Bruce P. (University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK); Rühland, Kathleen; Smol, John P. and Fallu, Marie-Andrée.**

Paleolimnology of the North American subarctic: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 269-318, illus. incl. sketch map, 218 ref., 2004.

**60000772**

**Anderson, N. John (Loughborough University, Department of Geography, Loughborough, United Kingdom); Ryves, David B.; Grauert, Marianne and McGowan, Suzanne.**

Holocene paleolimnology of Greenland and the North Atlantic Islands (north of 60°N): *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 319-347, illus. incl. 1 table, 110 ref., 2004.

**60000773**

**MacDonald, Glen M. (University of California at Los Angeles, Departments of Geography and Organismic Biology, Ecology and Evolution, Los Angeles, CA); Edwards, Thomas W. D.; Gervais, Bruce; Laing, Tamsin E.; Pisaric, Michael F. J.; Porinchu, David F.; Snyder, Jeffrey A.; Solovieva, Nadia; Tarasov, Pavel and Wolfe, Brent B.**

Paleolimnological research from northern Russian Eurasia: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 349-380, illus. incl. sketch map, 87 ref., 2004.

**60000774**

**Korhola, Atte (University of Helsinki, Department of Biological and Environmental Sciences, Helsinki, Finland) and Weckstrom, Jan.**

Paleolimnological studies in Arctic Fennoscandia and the Kola Peninsula (Russia): *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 381-418, illus. incl. 1 table, sketch map, 110 ref., 2004.

**60000775**

**Hodgson, Dominic A. (British Antarctic Survey, Cambridge, United Kingdom); Doran, Peter T.; Roberts, Donna and McMinn, Andrew.**

Paleolimnological studies from the Antarctic and subantarctic islands: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 419-474, illus. incl. sketch map, 145 ref., 2004. Includes appendix.

**60000776**

**Doran, Peter T. (University of Illinois at Chicago, Department of Earth and Environmental Sciences, Chicago, IL); Priscu, John C.; Lyons, W. Berry; Powell, Ross D.; Andersen, Dale T. and Poreda, Robert J.**

Paleolimnology of extreme cold terrestrial and extraterrestrial environments: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 475-507, illus. incl. 2 tables, 130 ref., 2004. NSF Grants OPP-0096250 and OPP-0085400.

**60000777**

**Pienitz, Reinhard (Université Laval, Département de Géographie, Quebec, QC, Canada); Douglas, Marianne S. V. and Smol, John P.**

Epilogue; paleolimnological research from Arctic and Antarctic regions: *in* Long-term environmental change in Arctic and Antarctic lakes (Pienitz, Reinhard, editor; *et al.*), **Developments in Paleoenvironmental Research**, 8, p. 509-511, 2004.

**60000778**

**Brown, John (Exponent, Maynard, MA).**

ANIMIDA Task 2, hydrocarbon and metal characterization of sediments, bivalves and amphipods in the ANIMIDA study area: **OCS Report - MMS**, Rep. No. MMS 2004-024, variously paginated, illus. incl. 40 tables, sketch maps, 57 ref., July 2005. Includes one CD-ROM.

[http://www.mms.gov/alaska/reports/2004\\_024/ANIMIDA%20Task%202%20Final%20Report.pdf](http://www.mms.gov/alaska/reports/2004_024/ANIMIDA%20Task%202%20Final%20Report.pdf)

**60000779**

**Ehlers, Peter, president (Bundesamt für Seeschifffahrt und Hydrographie, Hamburg, Federal Republic of Germany).**

Jahresbericht 2004 [Annual report 2004]: **Jahresbericht - Bundesamt für Seeschifffahrt und Hydrographie**, 2004, 125 p., illus. incl. tables, sketch maps, 2005. Accessed November 21, 2005; preface and compact overview in German and English.  
<http://www.bsh.de/de/Produkte/Infomaterial/Jahresbericht/Jahresbericht-2004/Jahresbericht2004.pdf>

**60000856**

**Ray, Laura R. (Dartmouth College, Hanover, NH); Price, Alexander D.; Streeter, Alexander; Denton, Daniel and Lever, James H.**

Cool robots; scalable mobile robots for deployment in polar climates: **The Bridge (Washington, DC: 1969)**, 34(4), p. 5-12, illus. incl. 2 tables, 15 ref., 2004.

<http://www.nae.edu/NAE/bridgecom.nsf/weblinks/MKEZ-67QN3H?OpenDocument> CRREL Report No: ERDC/CRREL MP-05-6524

**60001111**

**Shennan, Ian (University of Durham, Sea Level Research Unit, Durham, United Kingdom); Hamilton, Sarah; Hillier, Caroline and Woodroffe, Sarah.**

A 16 000-year record of near-field relative sea-level changes, northwest Scotland, United Kingdom: *in* Late Quaternary coastal and marine deposits of northwest Europe; a tribute to Hansjorg Streif (Baeteman, Cecile, editor; *et al.*), **Quaternary International**, 133-134, p. 95-106, illus. incl. 1 table, geol. sketch map, 30 ref., May 2005. Contribution to the INQUA Subcommission on Coastal Processes and Sea-level Changes. IGCP Project No. 437.

**60001123**

**Kiefer, Thorsten (University of Cambridge, Department of Earth Sciences, Cambridge, United Kingdom) and Kienast, M.**

Patterns of deglacial warming in the Pacific Ocean; a review with emphasis on the time interval of Heinrich event 1: *in* MARGO; multiproxy approach for the reconstruction of the glacial ocean surface (Kucera, Michal, editor; *et al.*), **Quaternary Science Reviews**, 24(7-9), p. 1063-1081, illus. incl. 1 table, sketch maps, 117 ref., May 2005. WHOI contribution 10994.

**60001157**

**Assel, Raymond A. (NOAA, Great Lakes Environmental Research Laboratory, Ann Arbor, MI).**

Conditional probability of December and January ice cover at selected Great Lakes shore sites: **NOAA Technical Memorandum GLERL**, Rep. No. 134, 31 p., illus. incl. 17 tables, sketch maps, 6 ref., June 2005. Includes appendix.

[ftp://ftp.glerl.noaa.gov/publications/tech\\_reports/glerl-134/tm-134.pdf](ftp://ftp.glerl.noaa.gov/publications/tech_reports/glerl-134/tm-134.pdf)

**60001158**

**Assel, Raymond A. (NOAA, Great Lakes Environmental Research Laboratory, Ann Arbor, MI).**

Great Lakes ice cover climatology update; winters 2003, 2004, and 2005: **NOAA Technical Memorandum GLERL**, Rep. No. 135, 20 p., illus. incl. 1 table, sketch maps, 5 ref., July 2005. Includes 3 appendices.

[ftp://ftp.glerl.noaa.gov/publications/tech\\_reports/glerl-135/tm-135.pdf](ftp://ftp.glerl.noaa.gov/publications/tech_reports/glerl-135/tm-135.pdf)

**60001162**

**Papadakis, Michael (Wichita State University, Department of Aerospace Engineering, Wichita, KS); Yeong, Hsiung-Wei; Wong, See-Cheuk; Vargas, Mario and Potapczuk, Mark.**

Experimental investigation of ice accretion effects on a swept wing: **Report - Department of Transportation, Federal Aviation Administration, Office of Aviation Research**, Rep. No. DOT/FAA/AR-05/39, variously paginated, illus. incl. 14 tables, 23 ref., August 2005. compact disc *Available from:* National Technical Information Service, Springfield, VA, United States. Includes 8 appendices.

**60001163**

**Lever, James H. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH).**

Shear zone snow bridge safety analysis: **ERDC/CRREL Letter Report**, Rep. No. ERDC/CRREL LR-05-09, unpaginated, illus. incl. 1 table, 7 ref., December 2002. Contract report to U. S. Antarctic Program, December 2002.

**60001168**

**Lever, James H. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH) and Weale, Jason C.**

Feasibility of four-tractor fleet for South Pole traverse year three: **ERDC/CRREL Letter Report**, Rep. No. ERDC/CRREL LR-05-08, unpaginated, illus. incl. 3 tables, 4 ref., May 10, 2004.

**60001308**

**Rapley, Chris, prefacer (British Antarctic Survey, Cambridge, United Kingdom).**

Annual report; 2004-2005: **Annual Report - British Antarctic Survey**, 2004-2005, 41 p., illus. incl. sketch maps, 2005.

[http://www.antarctica.ac.uk/About\\_BAS/Corporate/Annual\\_Reports/annrep04\\_05/css/annrep04\\_05.html](http://www.antarctica.ac.uk/About_BAS/Corporate/Annual_Reports/annrep04_05/css/annrep04_05.html)

**60001534**

**Yamanokuchi, Tsutomu (SOKENDAI/Remote Sensing Technology Center of Japan, Tokyo, Japan); Doi, Koichiro and Shibuya, Kazuo.**

Validation of grounding line of East Antarctic ice sheet derived by ERS-1/2 interferometric SAR data: **Polar Geoscience**, 18, p. 1-14, illus. incl. 1 table, sketch map, 12 ref., October 2005.

**60001535**

**Dragani, Walter C. (Servicio de Hidrografía Naval, Buenos Aires, Argentina); D'Onofrio, Enrique E.; Speroni, Jorge O.; Fiore, Monica E. and Borjas, Rocío.**

A numerical study of the ocean circulation around the northern Antarctic Peninsula; barotropic response to tidal forcing: **Polar Geoscience**, 18, p. 83-100, illus. incl. 3 tables, sketch map, 29 ref., October 2005.

**60001536**

**Ikeda, Hiroshi (University of Tsukuba, Research Facility Center for Science and Technology, Tsukuba, Japan); Doi, Koichiro; Fukuda, Yoichi; Tamura, Yoshiaki and Shibuya, Kazuo.**

Installation of the superconducting gravimeter CT(3) at Syowa Station, Antarctica: **Polar Geoscience**, 18, p. 49-57, illus., 13 ref., October 2005.

**60001833**

**Delaney, Allan J. (U. S. Army Cold Regions Research and Engineering Laboratory, Snow and Ice Branch, Fort Wainwright, AK); Arcone, Steve A.; O'Bannon, Allen and Wright, John.**

Crevasse detection with GPR across the Ross Ice Shelf, Antarctica: *in* Tenth international conference on Ground penetrating radar, **International Conference on Ground Penetrating Radar**, 10, p. 777-780, illus., 11 ref., 2004. *Meeting:* Tenth international conference on Ground penetrating radar, June 21-24, 2004, Delft, Netherlands. CRREL Report No: ERDC/CRREL MP-06-6552

**60001840**

**Rapley, Chris, prefacer (British Antarctic Survey, Cambridge, United Kingdom).**

Global science in the Antarctic context British Antarctic Survey Core Programme 2005-2010: British Antarctic Survey, Cambridge, United Kingdom, 33 p., illus., 2005. ISBN: 1-85531-300-6. publisher:<http://www.antarctica.ac.uk>

**60001980**

**Hosur, M. V. (Tuskegee University, Center for Advance Materials, Tuskegee, AL); Jeelani, S.; Waliul Islam, M. S.; Adya, M.; Vaidya, U. K. and Dutta, Piyush K.**

Temperature effects on the dynamic response of graphite/epoxy composite laminate under inplane compression, punch shear and transverse loading; (July 2001-September 2003); Volume II, Transverse loading of adhesively bonded composite structures, analysis and experimentation: Tuskegee University, Tuskegee, AL, 43 p., illus. incl. 2 tables, 53 ref., October 2003. Final technical report. CRREL Report No: ERDC/CRREL MP-06-6556

**60002172**

**White, Paul M., Jr. (Kansas State University, Department of Agronomy, Manhattan, KS); Wolf, Duane C.; Thoma, Gregory J. and Reynolds, Charles M.**

Phytoremediation of alkylated polycyclic aromatic hydrocarbons in a crude oil-contaminated soil: **Water, Air and Soil Pollution**, 169(1-4), p. 207-220, illus. incl. 2 tables, 33 ref., January 2006.  
DOI: 10.1007/s11270-006-2194-0 CRREL Report No: ERDC/CRREL MP-06-6560

**60002173**

**Chen, D. (University of Minnesota, Department of Soil, Water and Climate, St. Paul, MN); Molina, J. A. E.; Clapp, C. E.; Venterea, R. T. and Palazzo, Antonio J.**

Corn root influence on automated measurement of soil carbon dioxide concentrations: **Soil Science**, 170(10), p. 779-787, illus., 32 ref., October 2005. CRREL Report No: ERDC/CRREL MP-06-6561

**60002174**

**Assel, Raymond (NOAA, Great Lakes Environmental Research Laboratory, Ann Arbor, MI); Drobot, Sheldon and Croley, Thomas E., II.**

Improving 30-day Great Lakes ice cover outlooks: **Journal of Hydrometeorology**, 5(4), p. 713-717, illus. incl. 1 table, 7 ref., August 2004. Great Lake Environmental Research Laboratory contribution number 1308.

**60002175**

**Jenkins, Thomas F. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH); Hewitt, Alan D.; Walsh, Marianne E.; Grant, Clarence L. and Ramsey, Charles A.**

Data representativeness for risk assessment; discussion: **Environmental Forensics**, 6(4), p. 321-323, illus., 3 ref., December 2005. For reference to original see Mattuck, R. et al, Environ. Forensics, Vol. 6, p. 65-70, 2005. CRREL Report No: ERDC/CRREL MP-06-6562

**60002215**

**Naslund, Bertil and Nathan, H. A. G., translator.**

Winter construction: **Technical Translation - National Research Council Canada**, Rep. No. TT-583, 64 p., illus. incl. sketch map, 11 ref., 1955. Translated from "Vinterbygge", Statens Kommitté för Byggnadsforskning, Stockholm, Broschyr 5, 32 p., 1952.

**60002379**

**Mooza, Melissa.**

Big year ahead for Arctic research: **WWF Arctic Bulletin**, 2.05, p. 15-16, June 2005.

**60002386**

**Braddock, Joan F. (University of Alaska Fairbanks, Institute of Arctic Biology, Fairbanks, AK); Gannon, Kathleen A. and Rasley, Brian T.**

Petroleum hydrocarbon-degrading microbial communities in Beaufort-Chukchi Sea sediments; final report: **OCS Report - MMS**, Rep. No. MMS 2004-061, 38 p., illus. incl. 13 tables, 38 ref., October 2004.

[http://www.mms.gov/alaska/reports/2004Reports/2004\\_061/2004\\_061.pdf](http://www.mms.gov/alaska/reports/2004Reports/2004_061/2004_061.pdf)

**60002387**

**Trudel, François, chairperson (Canadian Polar Commission, Ottawa, ON, Canada).**

Canadian Polar Commission annual report 2004-2005—Commission canadienne des affaires polaires; rapport annuel 2004-2005: **Annual Report - Canadian Polar Commission**, Rep. No. 2004-2005, 32 p., (English, French), illus., 2005.

[http://www.polarcom.gc.ca/english/pdf/annualreport\\_2004-2005\\_enfr.pdf](http://www.polarcom.gc.ca/english/pdf/annualreport_2004-2005_enfr.pdf)

**60002390**

**Floyd, Richard P. (NOAA Corps, Rockville, MD).**

Geodetic bench marks: **NOAA Manual NOS**, Rep. No. NGS 1, 35 p., illus. incl. 3 tables, sketch maps, 22 ref., September 1978. Includes 5 appendices.

**60002450**

**Asrar, Ghassem (NASA Headquarters); Gabriel, Cliff and Withee, Greg, chairpersons.**

Strategic plan for the U. S. Integrated Earth Observation System; draft: 53 p., 200?. Available from: National Science and Technology Council Committee on Environment and Natural Resources, Washington, DC, United States. Includes 3 appendices.

**60002453**

**Taylor, Susan (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH); Lever, James H.; Walsh, Michael R.; Walsh, Marianne E.; Bostick, Benjamin and Packer, Bonnie.**

Underground UXO; are they a significant source of explosives in soil compared to low- and high-order detonations?: **ERDC/CRREL Technical Report**, Rep. No. ERDC/CRREL-TR-04-23, 129 p., December 2004.

**60002454**

**Dutta, Piyush K. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH).**

Durability test report for FIBRWWRAP composites: **ERDC/CRREL Technical Report**, Rep. No. ERDC/CRREL-LR-05-16, unpaginated, September 2005.

**60002455**

**Blaisdell, George L. (National Science Foundation, Office of Polar Programs, Arlington, VA) and Weale, Jason C.**

Settlement of a foundation on a permanent, deep snowpack: **ERDC/CRREL Technical Report**, Rep. No. ERDC/CRREL-TR-06-3, 35 p., illus. incl. 4 tables, 10 ref., February 2006. WWW. [http://www.crrel.usace.army.mil/techpub/CRREL\\_Reports/reports/TR06-3.pdf](http://www.crrel.usace.army.mil/techpub/CRREL_Reports/reports/TR06-3.pdf)

**60002637**

**Barrett, Peter J.** (**Victoria University of Wellington, Antarctic Research Centre, Wellington, New Zealand**); **Fabio, Florindo and Cooper, Alan J.**, editors.

Introduction to Antarctic climate evolution; view from the margin: *in* Antarctic climate evolution; geological records from the margin and modelling (Barrett, Peter J., editor; *et al.*), **Palaeogeography, Palaeoclimatology, Palaeoecology**, 231(1-2), p. 1-8, illus. incl. sketch map, 39 ref., February 9, 2006. *Meeting:* SCAR (Scientific Committee on Antarctic Research) conference on Antarctica and the Southern Ocean in the global system, July 26-28, 2004, Bremen, Federal Republic of Germany.

**60002656**

**Raymond, M. J.** (**Swiss Federal Institute of Technology, Laboratory of Hydraulics, Hydrology and Glaciology, Section of Glaciology, Zurich, Sweden**) and **Gudmundsson, G. H.**

On the relationship between surface and basal properties on glaciers, ice sheets, and ice streams: **Journal of Geophysical Research**, 110(B8), 17 p., illus., 32 ref., August 4, 2005.

**60002669**

**Lhomme, Nicolas** (**University of British Columbia, Department of Earth and Ocean Sciences, Vancouver, BC, Canada**) and **Clarke, Garry K. C.**

Global budget of water isotopes inferred from polar ice sheets: **Geophysical Research Letters**, 32(20), 4 p., illus., 27 ref., October 28, 2005.

**60002670**

**Fitzpatrick, Melanie F.** (**University of Washington, Department of Earth and Space Sciences, Seattle, WA**) and **Warren, Stephen G.**

Transmission of solar radiation by clouds over snow and ice surfaces; Part II, Cloud optical depth and shortwave radiative forcing from pyranometer measurements in the Southern Ocean: **Journal of Climate**, 18(22), p. 4637-4648, illus. incl. 2 tables, sketch map, 45 ref., November 15, 2005. NSF grants OPP-9527244 and OPP-9815156.

**60002749**

**Lever, James H.** (**U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH**); **Taylor, Susan; Perovich, L.; Bjella, Kevin and Packer, B.**

Dissolution of composition B detonation residuals: **Environmental Science & Technology, ES & T**, 39(22), p. 8803-8811, illus. incl. 2 tables, 23 ref., November 15, 2005. CRREL Report No: ERDC/CRREL MP-06-6568

**60002750**

**Mungiole, Michael** (**U. S. Army Research Laboratory, Adelphi, MD**) and **Wilson, D. Keith.**

Prediction of outdoor sound transmission loss with an artificial neural network: **Applied Acoustics**, 67(4), p. 324-345, illus. incl. 2 tables, 28 ref., 2006. CRREL Report No: ERDC/CRREL MP-06-6569

**60002751**

**Rollings, Marian P. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH) and Rollings, Raymond S.**

Design and geology mismatch; a Haitian example: *in* Soil and rock America 2003; 12th Panamerican conference on Soil mechanics and geotechnical engineering, 39th U.S. rock mechanics symposium; proceedings; Volume 2 (Culligan, Patricia J., editor; *et al.*), **Proceedings - Panamerican Conference on Soil Mechanics and Geotechnical Engineering**, 12, p. 2401-2406 (Spanish sum.), illus. incl. sketch map, 8 ref., 2003. (39th U. S. rock mechanics symposium). *Meeting:* 12th Panamerican conference on Soil mechanics and geotechnical engineering, 39th U.S. rock mechanics symposium, June 22-26, 2003, Cambridge, MA. CRREL Report No: ERDC/CRREL MP-06-6570

**60002752**

**Ostashev, Vladimir E. (NOAA, Environmental Technology Laboratory, Boulder, CO); Chunchuzov, Igor P. and Wilson, D. Keith.**

Sound propagation through and scattering by internal gravity waves in a stably stratified atmosphere: **Journal of the Acoustical Society of America**, 118(6), p. 3420-3429, illus., 30 ref., December 2005. CRREL Report No: ERDC/CRREL MP-06-6571

**60002753**

**Andreas, Edgar L. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH) and Wang, Sinyi.**

Predicting significant wave height off the northeast coast of the United States: *in* Fourteenth conference on Interactions of the sea and atmosphere (American Meteorological Society), **Conference on Interactions of the Sea and Atmosphere**, 14, P4.1, illus. incl. 1 table, sketch map, 17 ref., 2006. compact disc. *Meeting:* Fourteenth conference on Interactions of the sea and atmosphere, Jan. 29-Feb. 2, 2006, Atlanta, GA. CRREL Report No: ERDC/CRREL MP-06-6572

**60002754**

**Wilson, D. Keith (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH).**

Uncertainty in outdoor noise measurements and predictions: *in* NOISE-CON 2005 (Kato, Dan, chairperson), **NOISE-CON - The National Conference on Noise Control Engineering**, 2005, unpaginated, 19 ref., 2005. *Meeting:* NOISE-CON 2005, Oct. 17-19, 2005, Minneapolis, MN. CRREL Report No: ERDC/CRREL MP-06-6573

**60002755**

**Waldron, Blair L. (U. S. Agricultural Research Service, Forage and Range Research Laboratory, Logan, UT); Larson, S. R.; Jensen, K. B.; Harrison, R. D.; Palazzo, Antonio J. and Cary, Timothy J.**

Registration of reliable Sandberg bluegrass germplasm: **Crop Science**, 46, p. 487, 5 ref., February 2006. CRREL Report No: ERDC/CRREL MP-06-6574

**60002756**

**Waldron, Blair L. (U. S. Agricultural Research Service, Forage and Range Research Laboratory, Logan, UT); Jensen, K. B.; Harrison, R. D.; Palazzo, Antonio J. and Cary, Timothy J.**

Registration of Yakima western yarrow germplasm: **Crop Science**, 46, p. 488, 1 ref., February 2006. CRREL Report No: ERDC/CRREL MP-06-6575

**60002918**

**U. S. Army Corps of Engineers, Detroit District.**

Operation of the St. Marys River; Little Rapids Cut ice boom; winter 1989-1990: 15 p., illus. incl. 2 tables, sketch maps, November 1990. *Available from:* U. S. Army Corps of Engineers, Detroit District, Detroit, MI, United States. Includes 3 appendices.

**60002919**

**U. S. Army Corps of Engineers, Detroit District.**

Operation of the St. Marys River; Little Rapids Cut ice bloom; winter 1986-1987: 13 p., illus. incl. 3 tables, sketch maps, September 1987. *Available from:* U. S. Army Corps of Engineers, Detroit District, Detroit, MI, United States. Includes 2 appendices.

**60002920**

**Asrar, Ghassem (NASA Headquarters); Gabriel, Cliff and Withee, Greg, chairpersons.**

Strategic plan for the U. S. Integrated Earth Observation System: 57 p., illus., April 2005. WWW *Available from:* National Science and Technology Council Committee on Environment and Natural Resources, Washington, DC, United States. Includes 6 appendices.

[http://usgeo.gov/docs/EOCStrategic\\_Plan.pdf](http://usgeo.gov/docs/EOCStrategic_Plan.pdf)

**60002922**

**Clausen, Jay L. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH).**

Range assessment lessons learned: **Federal Facilities Environmental Journal**, 16(2), p. 49-62, illus. incl. sketch map, 2005. CRREL Report No: ERDC/CRREL MP-06-6577

**60002923**

**Barrowes, Benjamin E. (Massachusetts Institute of Technology, Department of Electrical Engineering and Computer Science, Cambridge, MA); O'Neill, Kevin; Grzegorczyk, Tomasz M. and Kong, Jin A.**

On the asymptotic expansion of the spheroidal wave function and its eigenvalues for complex size parameter: **Studies in Applied Mathematics**, 113(3), p. 271-301, illus. incl. 4 tables, 56 ref., October 2004. CRREL Report No: ERDC/CRREL MP-06-6578

**60002927**

**U. S. Army Corps of Engineers, Detroit District.**

Soo Harbor and Little Rapids Cut ice conditions and ice boom operations; winter of 1985-1986: 15 p., illus. incl. 2 tables, sketch map, September 1986. *Available from:* U. S. Army Corps of Engineers, Detroit District, Detroit, MI, United States. Includes 4 appendices.

**60002928**

**Yankielun, Norbert E. (U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH).**

Methods and devices for optically recording and imaging representations of interactions of an object with its environment: Rep. No. US 6,970,247 B2, unpaginated, illus., 16 ref., November 29, 2005. WWW *Available from:* U. S. Patent Office, Alexandria, VA, United States. Accessed April 19, 2006; Patent No. US 6,970,247 B2; Application No. 10/318,129 filed Dec. 13, 2002.

<http://patft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetacgi%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=6970247.PN.&OS=PN/6970247&R=S=PN/6970247> CRREL Report No: ERDC/CRREL MP-06-6581

**60002929**

**Schaefer, Garry L. (U. S. Army Cold Regions Research and Engineering Laboratory, Fairbanks, AK); Holmgren, Jonathan Alfred and Johnson, Jerome B.**

Detector and system for indicating pressure change and methods of use: Rep. No. US 6,832,522 B2, unpaginated, illus., 18 ref., December 21, 2004. WWW Available from: U. S. Patent Office, Alexandria, VA, United States. Accessed April 19, 2006; Patent No. US 6,832,522 B2; Application No. 10/211,582 filed Aug. 5, 2002.

<http://patft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetahmt%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=6832522.PN.&OS=PN/6832522&RS=PN/6832522> CRREL Report No: ERDC/CRREL MP-06-6582

**60002930**

**Reeves, Donald M. (Desert Research Institute, Reno, NV) and Woessner, William W.**

Hydrologic controls on the survival of water *Howellia* (*Howellia aquatilis*) and implications of land management: **Journal of Hydrology**, 287(1-4), p. 1-18, illus. incl. sects., 2 tables, sketch maps, 36 ref., February 25, 2004.

**60002931**

**Wu Zhenhan (Chinese Academy of Geological Sciences, Institute of Geomechanics, Beijing, China); Barosh, Patrick J.; Hu Daogong; Wu Zhonghai; Ye Peisheng; Liu Qisheng and Zhou Chunjing.**

Migrating pingos in the permafrost region of the Tibetan Plateau, China and their hazard along the Golmud-Lhasa railway: **Engineering Geology**, 79(3-4), p. 267-287, illus. incl. sects., geol. sketch maps, 43 ref., July 11, 2005.

**60002932**

**Vogfjord, K. S. (Icelandic Meteorological Office, Reykjavik, Iceland); Jakobsdottir, S. S.; Gudmundsson, G. B.; Roberts, M. J.; Agustsson, K.; Arason, T.; Geirsson, H.; Karlsdottir, S.; Hjaltadottir, S.; Olafsdottir, U.; Thorbjarnardottir, B.; Skaftadottir, T.; Sturkell, E.; Jonasdottir, E. B.; Hafsteinsson, G.; Sveinbjornsson, H.; Stefansson, R. and Jonsson, T. V.** Forecasting and monitoring a subglacial eruption in Iceland: **Eos, Transactions, American Geophysical Union**, 86(26), p. 245, 248, illus. incl. geol. sketch map, 9 ref., June 28, 2005.

**60002933**

**Ghil, M. (University of California, Los Angeles, Department of Atmospheric Sciences and Institute of Geophysics and Planetary Physics, Los Angeles, CA).**

Hilbert problems for the geosciences in the 21st century: in Achievements and directions in non-linear geophysics (Read, P. L., editor), **Nonlinear Processes in Geophysics**, 8(4-5), p. 211-222, illus. incl. block diag., 1 table, 101 ref., 2001. WWW. Meeting: 25th general assembly of the European Geophysical Society, April 25-29, 2000, Nice, France. Accessed on September 26, 2005. <http://www.copernicus.org/EGU/npg/8/npg8/211.pdf>

**60002934**

**Goncharov, V. (Russian Academy of Sciences, Institute of Atmospheric Physics, Moscow, Russian Federation) and Pavlov, Vadim.**

Cyclostrophic vortices in polar regions of rotating planets: **Nonlinear Processes in Geophysics**, 8(4-5), p. 301-311, illus. incl. 1 table, 34 ref., 2001. WWW. Accessed on September 27, 2005. <http://www.copernicus.org/EGU/npg/8/npg8/301.pdf>

**60002935**

**Magnusson, Eyjolfur (University of Iceland, Institute of Earth Sciences, Reykjavik, Iceland); Bjornsson, H.; Dall, J. and Palsson, F.**

The 20th century retreat of ice caps in Iceland derived from airborne SAR; W-Vatnajökull and N-Myrdalsjökull: **Earth and Planetary Science Letters**, 237(3-4), p. 508-515, illus. incl. 1 table, sketch map, 17 ref., September 15, 2005.

**60002936**

**Bamber, Jonathan (University of Bristol, Centre for Polar Observations and Modelling, Bristol, United Kingdom) and Gómez-Dans, J. L.**

The accuracy of digital elevation models of the Antarctic continent: **Earth and Planetary Science Letters**, 237(3-4), p. 516-523, illus. incl. 1 table, 20 ref., September 15, 2005.

**60002937**

**Hodgson, Dominic A. (National Environment Research Council, British Antarctic Survey, Cambridge, United Kingdom); Vyverman, Wim; Verleyen, Elie; Leavitt, Peter R.; Sabbe, Koen; Squier, Angela H. and Keely, Brendan J.**

Late Pleistocene record of elevated UV radiation in an Antarctic lake: **Earth and Planetary Science Letters**, 236(3-4), p. 765-772, illus., 34 ref., August 15, 2005.

**60002938**

**Schotman, H. H. A. (Delft University of Technology, Astrodynamics and Satellite Systems, Delft, Netherlands) and Vermeersen, L. L. A.**

Sensitivity of glacial isostatic adjustment models with shallow low-viscosity earth layers to the ice-load history in relation to the performance of GOCE and GRACE: **Earth and Planetary Science Letters**, 236(3-4), p. 828-844, illus. incl. 2 tables, sketch maps, 45 ref., August 15, 2005.

**60002939**

**Zhou, S. (University of Alberta, Department of Mechanical Engineering, Edmonton, AB, Canada) and Flynn, P. C.**

Geoengineering downwelling ocean currents; a cost assessment: **Climatic Change**, 71(1-2), p. 203-220, illus. incl. 3 tables, 46 ref., July 2005. Includes appendices.

**60002940**

**Hodgkins, Glenn A. (U. S. Geological Survey, Augusta, ME); Dudley, Robert W. and Huntington, Thomas G.**

Changes in the number and timing of days of ice-affected flow on northern New England rivers 1930-2000: **Climatic Change**, 71(3), p. 319-340, illus. incl. 6 tables, sketch map, 50 ref., August 2005.

**60002941**

**Fisher, Timothy G. (University of Toledo, Department of Earth, Ecological and Environmental Sciences, Toledo, OH) and Russell, Andrew J., editors.**

Reassessing the role of meltwater processes during Quaternary glaciations: **Quaternary Science Reviews**, 24(22), p. 2305-2419, illus. incl. tables, sects., geol. sketch maps, November 2005.

*Meeting: XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV. Individual papers are cited separately.*

**60002942**

**Tweed, Fiona S. (Staffordshire University, Department of Geography, Stoke-on-Trent, United Kingdom); Roberts, Matthew J. and Russell, Andrew J.**

Hydrologic monitoring of supercooled meltwater from Icelandic glaciers: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2308-2318, illus. incl. geol. sketch maps, 37 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV.

**60002943**

**Alho, Petteri (University of Turku, Department of Geography, Turku, Finland); Russell, Andrew J.; Carrivick, Jonathan L. and Kayhko, Jukka.**

Reconstruction of the largest Holocene jokulhlaup within Jokulsa a Fjollum, NE Iceland: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2319-2334, illus. incl. geol. sketch maps, 53 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV.

**60002944**

**Kehew, Alan E. (Western Michigan University, Department of Geosciences, Kalamazoo, MI); Beukema, Steven P.; Bird, Brian C. and Kozlowski, Andrew L.**

Fast flow of the Lake Michigan Lobe; evidence from sediment-landform assemblages in southwestern Michigan, USA: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2335-2353, illus. incl. geol. sketch maps, 66 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV. Partially funded by the USGS under the STATEMAP program.

**60002945**

**Kozlowski, Andrew L. (Susquehanna University, Department of Geological and Environmental Sciences, Selinsgrove, PA); Kehew, Alan E. and Bird, Brian C.**

Outburst flood origin of the central Kalamazoo River valley, Michigan, USA: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2354-2374, illus. incl. sects., geol. sketch maps, 82 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV. Partial support from USGS EDMAP program.

**60002946**

**Fisher, Timothy G. (University of Toledo, Department of Earth, Ecological, and Environmental Sciences, Toledo, OH); Jol, Harry M. and Boudreau, Amber M.**

Saginaw Lobe tunnel channels (Laurentide ice sheet) and their significance in south-central Michigan, USA: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2375-2391, illus. incl. geol. sketch maps, 77 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV.

**60002947**

**Munro-Stasiuk, Mandy J. (Kent State University, Department of Geography, Kent, OH); Fisher, Timothy G. and Nitzsche, Christopher R.**

The origin of the western Lake Erie grooves, Ohio; implications for reconstructing the subglacial hydrology of the Great Lakes sector of the Laurentide ice sheet: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2392-2409, illus. incl. geol. sketch maps, 59 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV.

**60002948**

**Rayburn, John A. (State University of New York at Plattsburgh, Center for Earth and Environmental Sciences, Plattsburgh, NY); Knueper, Peter L. K. and Franz, David A.**

A series of large, late Wisconsinan meltwater floods through the Champlain and Hudson Valleys, New York State, USA: *in Reassessing the role of meltwater processes during Quaternary glaciations* (Fisher, Timothy G., editor; *et al.*), **Quaternary Science Reviews**, 24(22), p. 2410-2419, illus. incl. 1 table, geol. sketch maps, 56 ref., November 2005. *Meeting:* XVI INQUA Congress; Session 42, Re-assessing the role of meltwater processes during Quaternary glaciations, July 26, 2003, Reno, NV. Supported by a Geological Society of America Student Research Grant.

**60002949**

**Nguyen, Lau N. (HCMC University of Technology, Department of Geomatics Engineering, Ho Chi Minh City, Vietnam); Coleman, Richard; King, Matthew and Morgan, Peter.**

Comparison of GPS results from different processing of ambiguity parameters; a case study in the Amery Ice Shelf region, East Antarctica: **International Journal of Geoinformatics**, 1(3), p. 45-51, illus. incl. portrs., 1 table, geol. sketch map, 10 ref., September 2005.

**60002950**

**Ward, Joy K. (University of Kansas, Department of Ecology and Evolutionary Biology, Lawrence, KS); Harris, John M.; Cerling, Thure E.; Wiedenhoeft, Alex; Lott, Michael J.; Dearing, Maria-Denise; Coltrain, Joan B. and Ehleringer, James R.**

Carbon starvation in glacial trees recovered from the La Brea tar pits, Southern California: **Proceedings of the National Academy of Sciences of the United States of America**, 102(3), p. 690-694, illus., 35 ref., January 18, 2005. WWW.

**60002951**

**He Yong (China Meteorological Administration, National Climate Center, Beijing, China); Dan Li; Dong Wenjie; Ji Jinjun and Qin Dahe.**

The terrestrial NPP simulations in China since last glacial maximum: **Chinese Science Bulletin**, 50(18), p. 2074-2079, illus. incl. 5 tables, 34 ref., September 2005.

**60002952**

**Ciupak, Maurycy (Instytut Meteorologii i Gospodarki Wodnej, Poland).**

Rozwiazania modelowe na potrzeby prognozy wezbrania roztopowego i deszczowo-roztopowego Cz.: II, Syntez modeli statystycznych [Statistical models for forecast of snow-melt flood P; II, Methods of statistical models synthesis]: **Wiadomosci Instytutu Meteorologii i Gospodarki Wodnej**, 28(1), p. 11-39 (English, Russian sum.), illus., 20 ref., 2005.

**60002953**

**Scharien, Randall K. (University of Calgary, Department of Geography, Calgary, AB, Canada) and Yackel, John J.**

Analysis of surface roughness and morphology of first-year sea ice melt ponds; implications for microwave scattering: **IEEE Transactions on Geoscience and Remote Sensing**, 43(12), p. 2927-2939, illus. incl. 4 tables, sketch map, 40 ref., December 2005.

**60002954**

**Maillard, Philippe (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil); Clausi, David A. and Deng, Huawu.**

Operational map-guided classification of SAR sea ice imagery: **IEEE Transactions on Geoscience and Remote Sensing**, 43(12), p. 2940-2951, illus. incl. 5 tables, sketch map, 46 ref., December 2005.

**60002955**

**Balascio, Nicholas L. (Northern Arizona University, Department of Geology, Flagstaff, AZ); Kaufman, Darrell S.; Briner, Jason P. and Manley, William F.**

Late Pleistocene glacial geology of the Okpilak-Kongakut Rivers region, northeastern Brooks Range, Alaska: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 416-424, illus. incl. 3 tables, sketch map, 35 ref., November 2005. NSF grants OPP-9977974 and OPP-9977972.

**60002956**

**Biasi, Christina (University of Vienna, Institute of Ecology and Conservation Biology, Vienna, Austria); Wanek, Wolfgang; Rusalimova, Olga; Kaiser, Christina; Meyer, Hildegard; Barsukov, Pavel and Richter, Andreas.**

Microtopography and plant-cover controls on nitrogen dynamics in hummock tundra ecosystems in Siberia: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 435-443, illus. incl. 2 tables, 76 ref., November 2005.

**60002957**

**Choler, Philippe (Université J. Fourier-Grenoble, Laboratoire d'Écologie Alpine, Grenoble, France).**

Consistent shifts in Alpine plant traits along a mesotopographical gradient: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 444-453, illus. incl. 4 tables, sketch maps, 76 ref., November 2005.

**60002958**

**Hiller, Bettina (University of Muenster, Centre for Environmental Research, Munster, Federal Republic of Germany); Nuebel, Andreas; Broll, Gabriele and Holtmeier, Friedrich-Karl.**

Snowbeds on silicate rocks in the upper Engadine (Central Alps, Switzerland); pedogenesis and interactions among soil, vegetation, and snow cover: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 465-476, illus. incl. 5 tables, sketch maps, 50 ref., November 2005.

**60002959**

**Lewis, Ted (University of Massachusetts, Department of Geosciences, Amherst, MA); Braun, Carsten; Hardy, Douglas R.; Francus, Pierre and Bradley, Raymond S.**

An extreme sediment transfer event in a Canadian High Arctic stream: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 477-482, illus. incl. sketch map, 31 ref., November 2005. NSF Grant OPP-970807.

**60002960**

**Feng Ling (China Meteorological Administration, Institute of Plateau Meteorology, Chengdu, China) and Zhang Tingjun.**

Modeling the effect of variations in snowpack-disappearance date on surface-energy balance on the Alaskan North Slope: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 483-489, illus. incl. 3 tables, 51 ref., November 2005. NSF grants OPP-0229766 and OPP-0352910.

**60002961**

**Liu Xiaodong (University of Science and Technology of China, Institute of Polar Environment, Hefei, China); Sun Liguang; Xie Zhouqing; Yin Xuebin and Wang Yuhong.**

A 1300-year record of penguin populations at Ardley Island in the Antarctic, as deduced from the geochemical data in the ornithogenic lake sediments: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 490-498, illus. incl. 4 tables, sketch maps, 43 ref., November 2005.

**60002962**

**Löffler, Jörg (University of Bonn, Department of Geography, Bonn, Federal Republic of Germany) and Finch, Oliver D.**

Spatio-temporal gradients between high mountain ecosystems of central Norway: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 499-513, illus. incl. sketch map, 67 ref., November 2005.

**60002963**

**Lundgren, Rebekka (University of Aarhus, Department of Ecology and Genetics, Aarhus, Denmark) and Olesen, Jens M.**

The dense and highly connected world of Greenland's plants and their pollinators: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 514-520, illus. incl. 3 tables, 26 ref., November 2005.

**60002964**

**Mayer, Andrea C. (Swiss Federal Institute for Snow and Avalanche Research, Davos Dorf, Switzerland) and Stöckli, Veronika.**

Long-term impact of cattle grazing on subalpine forest development and efficiency of snow avalanche protection: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 521-526, illus. incl. 2 tables, 45 ref., November 2005.

**60002965**

**Musselman, R. C. (U. S. Department of Agriculture Forest Service, Rocky Mountain Research Station, Fort Collins, CO); Massman, W. J.; Frank, J. M. and Korfomacher, J. L.**

The temporal dynamics of carbon dioxide under snow in a high elevation Rocky Mountain subalpine forest and meadow: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 527-538, illus. incl. 6 tables, 39 ref., November 2005. Includes appendix.

**60002966**

**Rennermalm, Asa K. (Princeton University, Department of Civil and Environmental Engineering, Princeton, NJ); Soegaard, Henrik and Nordstroem, Claus.**

Interannual variability in carbon dioxide exchange from a High Arctic fen estimated by measurements and modeling: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 545-556, illus. incl. 4 tables, sketch maps, 49 ref., November 2005.

**60002967**

Saros, Jasmine E. (University of Wisconsin-La Crosse, Department of Biology, La Crosse, WA); Interlandi, Sebastian J.; Doyle, Shaina; Michel, Timothy J. and Williamson, Craig E. Are the deep chlorophyll maxima in alpine lakes primarily induced by nutrient availability, not UV avoidance?: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 557-563, illus. incl. 4 tables, 28 ref., November 2005. NSF grants DEB-0089600 and DEB-0210972.

**60002968**

Sass, Oliver (Universitat Augsburg, Institut für Geographie, Augsburg, Federal Republic of Germany).

Temporal variability of rockfall in the Bavarian Alps, Germany: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 564-573, illus. incl. 3 tables, sketch map, 38 ref., November 2005.

**60002969**

Scherrer, Pascal (Griffith University, School of the Environmental and Applied Sciences, Gold Coast, Queensl., Australia) and Pickering, Catherine Marina.

Recovery of alpine vegetation from grazing and drought; data from long-term photoquadrats in Kosciuszko National Park, Australia: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 574-584, illus. incl. 4 tables, sketch map, 75 ref., November 2005.

**60002970**

Singh, H. Birkumar (G. B. Pant Institute of Himalayan Environment and Development, North East Unit, Vivek Vihar, India) and Sundriyal, R. C.

Composition, economic use, and nutrient contents of alpine vegetation in the Khangchendzonga Biosphere Reserve, Sikkim Himalaya, India: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 591-601, illus. incl. 6 tables, sketch map, 38 ref., November 2005. Includes appendix.

**60002971**

Soudzilovskaia, Nadejda A. (Vrije Universiteit, Department of Systems Ecology, Amsterdam, Netherlands) and Onipchenko, Vladimir G.

Experimental investigation of fertilization and irrigation effects on an alpine heath, northwestern Caucasus, Russia: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 602-610, illus., 70 ref., November 2005. Includes 3 appendices.

**60002972**

Sutinen, Raimo (Geological Survey of Finland, Rovaniemi, Finland); Hyvonen, Eija; Ruther, Andreea; Ahl, Andreas and Sutinen, Marja-Liisa.

Soil-driven timberline of spruce (*Picea abies*) in Tanaely Belt-Lapland granulite transition, Finland: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 611-619, illus. incl. 1 table, sketch map, 48 ref., November 2005.

**60002973**

Takahashi, Koichi (Shinshu University, Department of Biology, Matsumoto, Japan).

Effects of artificial warming on shoot elongation of alpine dwarf pine (*Pinus pumila*) on Mount Shogigashira, central Japan: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 620-625, illus. incl. 1 table, 42 ref., November 2005.

**60002974**

**Thompson, R.** (University of Edinburgh, School of Geosciences, Edinburgh, United Kingdom); **Price, D.**; **Cameron, N.**; **Jones, V.**; **Bigler, C.**; **Rosen, P.**; **Hall, R. I.**; **Catalan, J.**; **García, J.**; **Weckstrom, J.** and **Korhola, A.**

Quantitative calibration of remote mountain-lake sediments as climatic recorders of air temperature and ice-cover duration: **Arctic, Antarctic, and Alpine Research**, 37(4), p. 626-635, illus. incl. 3 tables, 49 ref., November 2005.

**60002975**

**Pawley, Steven M.** (Royal Holloway University of London, Department of Geography, Egham, United Kingdom); **Lee, Jonathan R.**; **Riding, James B.**; **Moorlock, Brian S. P.**; **Hamblin, Richard J. O.**; **Rose, James** and **Crofts, Richard G.**

The stratigraphy of the Briton's Lane borehole and quarry, Beeston Regis, north-east Norfolk: **Bulletin of the Geological Society of Norfolk**, 55, p. 15-41, illus. incl. strat. cols., 6 tables, sketch map, 61 ref., 2005.

**60002976**

**Lee, J. R.** (British Geological Survey, Nottingham, United Kingdom); **Moorlock, Brian S. P.**; **Rose, James**; **Hamblin, Richard J. O.**; **Pawley, S. M.**; **Riding, James B.**; **Jarrow, A. M.**; **Booth, S. J.**; **Palmer, A.**; **Morigi, A. N.**; **Kessler, H.**; **Hoare, P. G.** and **Connell, E. R.**

The first appearance of Scandinavian indicators in East Anglia's glacial record; discussion and reply: **Bulletin of the Geological Society of Norfolk**, 55, p. 43-62, illus., 42 ref., 2005. For reference to original see Hoare, P. G., and Connell, E. R., Bull. Geol. Soc. Norfolk, Vol. 54, p. 3-14, 2005.

**60002977**

**Walker, Tony R.** (Dalhousie University, Department of Oceanography, Halifax, NS, Canada).

Distribution of oxygen, sulfides and optimum temperature for sulfate reduction in Antarctic marine sediments: **Polish Polar Research**, 26(3), p. 215-230, illus. incl. 1 table, sketch map, 63 ref., 2005.

<http://www.polish.polar.pan.pl/ppr26-3.htm>

**60002978**

**Shuster, David L.** (California Institute of Technology, Division of Geological and Planetary Science, Pasadena, CA); **Ehlers, Todd A.**; **Rusmore, Margaret E.** and **Farley, Kenneth A.**

Rapid glacial erosion at 1.8 Ma revealed by  $^4\text{He}/^3\text{He}$  thermochronometry: **Science**, 310(5754), p. 1668-1670, illus. incl. sketch maps, 39 ref., December 9, 2005.

**60002979**

**de Garidel-Thoron, Thibault** (Université Aix-Marseille III, Centre Européen de Recherche et d'Enseignement en Géosciences de l'Environnement, Aix en Provence, France); **Beaufort, Luc**; **Bassinot, Franck** and **Henry, Pierre**.

Evidence for large methane releases to the atmosphere from deep-sea gas-hydrate dissociation during the last glacial episode: **Proceedings of the National Academy of Sciences of the United States of America**, 101(25), p. 9187-9192, illus. incl. 1 table, 1 plate, sketch map, 38 ref., June 22, 2004. WWW.

**60002980**

**Sakai, Hideo (Toyama University, Department of Earth Sciences, Toyama, Japan); Banba, Yasuko; Horii, Masaë; Itaki, Takuya; Ahagon, Naoichi and Kikawa, Eiichi.**  
Polarity reversals of remanent magnetization in a sedimentary core from Northwind Ridge, western Arctic Ocean: **Polar Geoscience**, 18, p. 67-82, illus. incl. sects., sketch map, 18 ref., October 2005.

**60002981**

**Shibuya, Kazuo (National Institute of Polar Research, Tokyo, Japan); Doi, Koichiro; Fukuzaki, Yoshihiro and Iwata, Masao.**  
Geodesy reference points within Syowa Station, Antarctica, and their local geodetic ties: **Polar Geoscience**, 18, p. 130-161, 4 tables, 5 ref., October 2005. Includes appendices.

**60002982**

**Uchida, Youhei (AIST, Geological Survey of Japan, Japan); Maruyama, Ayumi; Ikeda, Kanako; Fujii, Hikari and Abiko, Hiroto.**  
Estimation of shallow subsurface thermal structure in limited observation well area; a case of the Akita Plain, northeast Japan: **Journal of Japanese Association of Hydrological Sciences**, 35(4), p. 191-203, (Japanese) (English sum.), illus. incl. sects., 2 tables, sketch map, 25 ref., November 2005.

**60002983**

**Parmiggiani, F. (ISAC-CNR, Bologna, Italy) and Fraciacomo, C.**  
The calving event of the Drygalski ice tongue of February 2005: **International Journal of Remote Sensing**, 26(21), p. 4633-4638, illus. incl. sketch maps, 1 ref., November 10, 2005.

**60002984**

**Pepe, M. (CNR, Istituto per il Rilevamento Elettromagnetico dell'Ambiente (IREA), Milan, Italy); Brivio, P. A.; Rampini, A.; Nodari, F. Rota and Boschetti, M.**  
Snow cover monitoring in alpine regions using ENVISAT optical data: **International Journal of Remote Sensing**, 26(21), p. 4661-4667, illus. incl. 1 table, sketch maps, 24 ref., November 10, 2005.

**60002985**

**Molotch, Noah P. (University of Colorado at Boulder, Cooperative Institute for Research in Environmental Sciences, Boulder, CO) and Bales, Roger C.**  
Scaling snow observations from the point to the grid element; implications for observation network design: **Water Resources Research**, 41(11), W11421, illus. incl. 7 tables, 44 ref., November 2005.

**60002986**

**Keller, Klaus (Pennsylvania State University, Department of Geosciences); Hall, Matt; Kim, Seung-Rae; Bradford, David F. and Oppenheimer, M.**  
Avoiding dangerous anthropogenic interference with the climate system: **Climatic Change**, 73(3), p. 227-238, illus., 49 ref., December 2005. NSF Grant No. SES 0345925.

**60002987**

**Lombroso, Luca (Universita di Modena e Reggio Emilia, Dipartimento di Ingegneria dei Materiali e dell'Ambiente, Modena, Italy) and Quattrocchi, Salvatore.**

Una nevicata d'altri tempi a Modena; dal racconto alle considerazioni meteorologiche e climatiche [Meteorology and climate assessment of a snow storm of by-gone proportions at Modena]: **Atti della Societa dei Naturalisti e Matematici di Modena**, 135, p. 41-58 (English sum.), illus. incl. sketch maps, 2004. Includes CD-ROM.

**60002988**

**Leuenberger, Markus (Universität Bern, Physikalisches Institut, Bern, Switzerland).**

Stabile Isotope in polaren Eisbohrkernen enthalten klimarelevante Information [Stable isotopes in polar ice cores provide climatic information]: *in Auf Spurensuche in der Natur; stabile Isotope in der ökologischen Forschung* (Deigele, Claudia, editor), **Rundgespräche der Kommission für Ökologie**, 30, p. 29-44 (English sum.), illus. incl. 1 table, sketch maps, 27 ref., November 2005. *Meeting: Auf Spurensuche in der Natur; stabile Isotope in der ökologischen Forschung; Rundgespräch der Kommission für Ökologie*, April 4, 2005, Munich, Federal Republic of Germany.

**60002989**

**Brubaker, K. L. (University of Maryland at College Park, Department of Civil and Environmental Engineering, College Park, MD); Pinker, R. T. and Deviatova, E.**

Evaluation and comparison of MODIS and IMS snow-cover estimates for the continental United States using station data: **Journal of Hydrometeorology**, 6(6), p. 1002-1017, illus. incl. 2 tables, sketch maps, 37 ref., December 2005.

**60002990**

**Gadek, Bogdan (University of Silesia, Chair of Geomorphology, Sosnowiec, Poland).**

Zwiazek bilansu cieplnego i topnienia powierzchni lodowczyka Mieguszowieckiego w Tatrach z temperaturą powietrza [Relation between the heat balance, air temperature and melting of the Mieguszowiecki Glacier's surface in the Tatra Mountains]: **Przeglad Geofizyczny**, 48(3-4), p. 195-204 (English sum.), illus. incl. 1 table, 13 ref., 2003.

**60002991**

**Moore, R. D. (University of British Columbia, Department of Geography/Forest Resources Management, Vancouver, BC, Canada) and Scott, D. F.**

Camp Creek revisited; streamflow changes following salvage harvesting in a medium-sized, snowmelt-dominated catchment: **Canadian Water Resources Journal = Revue Canadienne des Ressources en Eau**, 30(4), p. 331-344 (French sum.), illus. incl. 3 tables, sketch map, 36 ref., 2005.

**60002992**

**Koizumi, Itaru (Atsubetsu-kita 3-5-18-2, Sapporo, Japan); Tada, Ryuji; Narita, Hisashi; Irino, Tomohisa; Aramaki, Takafumi; Oba, Tadamichi and Yamamoto, Hirofumi.**

Paleoceanographic history around the Tsugaru Strait between the Japan Sea and the northwest Pacific Ocean since 30 cal kyr BP: **Palaeogeography, Palaeoclimatology, Palaeoecology**, 232(1), p. 36-52, illus. incl. 7 tables, sketch map, 43 ref., March 8, 2006. Appendix available online.

**60002993**

**Linden, Mattias (Lund University, Department of Geology, Lund, Sweden); Moller, Per; Bjorck, Svante and Sandgren, Per.**

Holocene shore displacement and deglaciation chronology in Norrbotten, Sweden: **Boreas**, 35(1), p. 1-22, illus. incl. sect., strat. cols., 4 tables, geol. sketch maps, 47 ref., February 2006.

**60002994**

**Lloyd, Jeremy M. (Durham University, Department of Geography, Durham, United Kingdom).**

Late Holocene environmental change in Disko Bugt, West Greenland; interaction between climate, ocean circulation and Jakobshavn Isbrae: **Boreas**, 35(1), p. 35-49, illus. incl. 1 table, sketch map, 76 ref., February 2006. Includes appendix.

**60002995**

**Millo, Christian (Kiel University, Department of Geoscience, Kiel, Federal Republic of Germany); Sarnthein, Michael; Voelker, Antje and Erlenkeuser, Helmut.**

Variability of Denmark Strait overflow during the last glacial maximum: **Boreas**, 35(1), p. 50-60, illus. incl. 1 table, sketch map, 55 ref., February 2006.

**60002996**

**Bradwell, Tom (University of Edinburgh, School of GeoSciences, Edinburgh, United Kingdom); Dugmore, Andrew J. and Sugden, David E.**

The Little Ice Age glacier maximum in Iceland and North Atlantic Oscillation; evidence from Lambatungnajokull, southeast Iceland: **Boreas**, 35(1), p. 61-80, illus. incl. strat. cols., 3 tables, geol. sketch maps, 52 ref., February 2006.

**60002997**

**Iksanen, Pirita O. (University of Lapland, Arctic Centre, Rovaniemi, Finland).**

Holocene development of Vaisjeaggi palsu mire, Finnish Lapland: **Boreas**, 35(1), p. 81-95, illus. incl. strat. cols., 3 tables, geol. sketch map, 73 ref., February 2006.

**60002998**

**Huscroft, Crystal A. (Thompson River University, Geography Department, Kamloops, BC, Canada); Ward, Brent C.; Jackson, Lionel E., Jr. and Tarnocai, Charles E.**

Investigation of high-level glaciofluvial terraces and re-evaluation of established soil stratigraphy for early and middle Pleistocene surfaces, central Yukon, Canada: **Boreas**, 35(1), p. 96-105, illus. incl. strat. cols., 2 tables, geol. sketch maps, 47 ref., February 2006.

**60002999**

**Johnsen, Timothy F. (Stockholm University, Department of Physical Geography and Quaternary Geology, Stockholm, Sweden) and Brennand, Tracy A.**

The environment in and around ice-dammed lakes in the moderately high relief setting of the southern Canadian Cordillera: **Boreas**, 35(1), p. 106-125, illus. incl. sect., strat. cols., 1 table, sketch map, 60 ref., February 2006.

**60003000**

**Pisarska-Jamrozy, Małgorzata (University of Silesia, Department of Earth Sciences, Sosnowiec, Poland).**

Transitional deposits between the end moraine and outwash plain in the Pomeranian glaciomarginal zone of NW Poland; a missing component of ice-contact sedimentary models: **Boreas**, 35(1), p. 126-141, illus. incl. sects., strat. cols., 3 tables, geol. sketch maps, 59 ref., February 2006.

**60003001**

**Kullman, Leif (Umeå University, Department of Ecology and Environmental Science, Umeå, Sweden) and Kjallgren, Lena.**

Holocene pine tree-line evolution in the Swedish Scandes; recent tree-line rise and climate change in a long-term perspective: **Boreas**, 35(1), p. 159-168, illus. incl. sketch map, 92 ref., February 2006.

**60003002**

**Cordier, Stéphane (Université de Paris XII, Faculté des Lettres et Sciences Humaines, Creteil, France); Frechen, Manfred; Harmand, Dominique and Beiner, Monique.**

Middle and upper Pleistocene fluvial evolution of the Meurthe and Moselle Valleys in the Paris Basin and the Rhenish Massif: *in Continuité et discontinuité dans les enregistrements quaternaires, Quaternaire (Paris)*, 16(3), p. 201-215 (French sum.), illus. incl. sects., geol. sketch map, 51 ref., September 2005. *Meeting: Reunion des sciences de la terre; Continuité et discontinuité dans les enregistrements quaternaires*, Sept. 22-23, 2004, Strasbourg, France. IGCP Project No. 449.

**60003003**

**Coutard, Sylvie (INRAP Nord-Picardie, Amiens, France); Lautridou, Jean-Pierre and Rhodes, Edward.**

Discontinuities in the recording of interglacial-glacial cycles on a coastal context in an intraplate; example of the Val de Saire (Normandy, France) [Discontinuities in the interglacial-glacial cycles recorded on a coast in intraplate context; example of the Saire Valley (Normandy, France)]: *in Continuité et discontinuité dans les enregistrements quaternaires, Quaternaire (Paris)*, 16(3), p. 217-227 (English sum.), illus. incl. sects., 1 table, geol. sketch maps, 32 ref., September 2005. *Meeting: Reunion des sciences de la terre; Continuité et discontinuité dans les enregistrements quaternaires*, Sept. 22-23, 2004, Strasbourg, France.

**60003004**

**Deschodt, L. (INRAP Nord-Picardie, Amiens, France); Teheux, E.; Lantoine, J.; Auguste, Patrick and Limondin-Lozouet, Nicole.**

The late glacial record of Dourges (northern France, Deûle River basin); evolution of a lacustrine zone and associated archaeological sites [The Dourges late glacial record (northern France, Deûle River basin); lacustrine zone evolution and associated archaeological sites]: *in Continuité et discontinuité dans les enregistrements quaternaires, Quaternaire (Paris)*, 16(3), p. 229-252 (English sum.), illus. incl. sects., 4 tables, sketch maps, 36 ref., September 2005. *Meeting: Reunion des sciences de la terre; Continuité et discontinuité dans les enregistrements quaternaires*, Sept. 22-23, 2004, Strasbourg, France.

**60003005**

**Anderson, Suzanne Prestrud (University of California at Santa Cruz, Department of Earth Sciences and Institute of Tectonics, Santa Cruz, CA); Fernald, Katherine M. H.; Anderson, Robert S. and Humphrey, Neil F.**

Physical and chemical characterization of a spring flood event, Bench Glacier, Alaska, U.S.A.; evidence for water storage: **Journal of Glaciology**, 45(150), p. 177-189, illus. incl. sketch map, 53 ref., 1999.

**60003006**

**McClung, David M. (University of British Columbia, Department of Geography, Vancouver, BC, Canada) and Schweizer, Jürg.**

Skier triggering, snow temperatures and the stability index for dry-slab avalanche initiation: **Journal of Glaciology**, 45(150), p. 190-200, illus., 43 ref., 1999. Includes appendix.

**60003007**

**Shoemaker, E. M. (Simon Fraser University, Applied and Computational Mathematics Program, Burnaby, BC, Canada).**

Subglacial water-sheet floods, drumlins and ice-sheet lobes: **Journal of Glaciology**, 45(150), p. 201-213, illus. incl. sketch map, 41 ref., 1999.

**60003008**

**Pasteur, Elizabeth C. (British Antarctic Survey, Natural Environment Research Council, Cambridge, United Kingdom) and Mulvaney, Robert.**

Laboratory study of the migration of methane sulphonate in firn: **Journal of Glaciology**, 45(150), p. 214-218, illus. incl. 2 tables, 10 ref., 1999.

**60003009**

**Gudmundsson, G. Hilmar (VAW-ETH Zentrum, Zurich, Switzerland).**

A three-dimensional numerical model of the confluence area of Unteraargletscher, Bernese Alps, Switzerland: **Journal of Glaciology**, 45(150), p. 219-230, illus. incl. 2 tables, 29 ref., 1999.

**60003010**

**Joughin, Ian (California Institute of Technology, Jet Propulsion Laboratory, Pasadena, CA); Fahnestock, Mark; Kwok, Ron; Gogineni, Prasad and Allen, Chris.**

Ice flow of Humboldt, Petermann and Ryder Gletscher, northern Greenland: **Journal of Glaciology**, 45(150), p. 231-241, illus. incl. 2 tables, 33 ref., 1999.

**60003011**

**Bartelt, P. (Swiss Federal Institute for Snow and Avalanche Research, Davos Dorf, Switzerland); Salm, B. and Gruber, U.**

Calculating dense-snow avalanche runout using a Voellmy-fluid model with active/pассиве longitudinal straining: **Journal of Glaciology**, 45(150), p. 242-254, illus., 31 ref., 1999.

**60003012**

**Delmotte, Marc (CNRS, Laboratoire de Glaciologie et Géophysique de l'Environnement, Saint-Martin-d'Hères, France); Raynaud, Dominique; Morgan, Vin and Jouzel, Jean.**

Climatic and glaciological information inferred from air-content measurements of a Law Dome (East Antarctica) ice core: **Journal of Glaciology**, 45(150), p. 255-263, illus. incl. 3 tables, 41 ref., 1999.

**60003013**

**Gold, Lorne W. (National Research Council of Canada, Institute for Research and Construction, Ottawa, ON, Canada).**

Statistical characteristics for the strain-dependent density and the spatial position for deformation-induced cracks in columnar-grain ice: **Journal of Glaciology**, 45(150), p. 264-272, illus. incl. 4 tables, 37 ref., 1999.

**60003014**

**Liston, Glen E. (Colorado State University, Department of Atmospheric Science, Fort Collins, CO); Winther, Jan-Gunnar; Bruland, Oddbjorn; Elvehoy, Hallgeir and Sand, Knut.**

Below-surface ice melt on the coastal Antarctic ice sheet: **Journal of Glaciology**, 45(150), p. 273-285, illus. incl. 2 tables, 29 ref., 1999. Includes appendix.

**60003015**

**Schneider, Thomas (Stockholm University, Department of Physical Geography, Stockholm, Sweden).**

Water movement in the firn of Storglaciären, Sweden: **Journal of Glaciology**, 45(150), p. 286-294, illus. incl. 4 tables, sketch map, 44 ref., 1999.

**60003016**

**van den Broeke, Michiel R. (Norwegian Polar Institute, Tromsø, Norway); Winther, Jan-Gunnar; Isaksson, Elisabeth; Pinglot, Jean Francis; Karlof, Lars; Eiken, Trond and Conrads, Louk.**

Climate variables along a traverse line in Dronning Maud Land, East Antarctica: **Journal of Glaciology**, 45(150), p. 295-302, illus. incl. 1 table, 32 ref., 1999.

**60003017**

**Keylock, Christopher J. (University of British Columbia, Department of Geography, Vancouver, BC, Canada); McClung, David M. and Magnusson, Magnus Mar.**

Avalanche risk mapping by simulation: **Journal of Glaciology**, 45(150), p. 303-314, illus. incl. 11 tables, sketch map, 23 ref., 1999.

**60003018**

**Jeffries, Martin O. (University of Alaska Fairbanks, Geophysical Institute, Fairbanks, AK); Zhang, Tingjun; Frey, Karoline and Kozlenko, Nick.**

Estimating late-winter heat flow to the atmosphere from the lake-dominated Alaskan North Slope: **Journal of Glaciology**, 45(150), p. 315-324, illus. incl. 4 tables, 37 ref., 1999.

**60003019**

**Forster, Richard R. (Cornell University, Department of Geological Sciences, Ithaca, NY); Rignot, Eric; Isacks, Bryan L. and Jezek, Kenneth C.**

Interferometric radar observations of Glaciares Europa and Penguin, Hielo Patagónico Sur, Chile: **Journal of Glaciology**, 45(150), p. 325-337, illus. incl. 2 tables, sketch map, 43 ref., 1999.

**60003020**

**Thorsteinsson, Throstur (University of Washington, Geophysics Program, Seattle, WA); Waddington, E. D.; Taylor, K. C.; Alley, R. B. and Blankenship, D. D.**

Strain-rate enhancement at Dye 3, Greenland: **Journal of Glaciology**, 45(150), p. 338-345, illus. incl. 2 tables, 44 ref., 1999.

**60003021**

**Singh, A. K. (Institute of Armament Technology, Pune, India).**

An investigation of the thermal conductivity of snow: **Journal of Glaciology**, 45(150), p. 346-351, illus. incl. 3 tables, 27 ref., 1999.

**60003022**

**Echelmeyer, K. A. (University of Alaska Fairbanks, Geophysical Institute, Fairbanks, AK) and Harrison, W. D.**

Ongoing margin migration of Ice Stream B, Antarctica: **Journal of Glaciology**, 45(150), p. 361-369, illus. incl. 1 table, sketch map, 21 ref., 1999.

**60003023**

**Morris, Kim (University of Alaska Fairbanks, Geophysical Institute, Fairbanks, AK); Li, Shusun and Jeffries, Martin O.**

Meso- and microscale sea-ice motion in the East Siberian Sea as determined from ERS-1 SAR data: **Journal of Glaciology**, 45(150), p. 370-383, illus. incl. 1 table, 43 ref., 1999.

**60003024**

**Mayer, C. (Alfred-Wegener-Institut für Polar- und Meeresforschung, Bremerhaven, Federal Republic of Germany) and Huybrechts, P.**

Ice-dynamic conditions across the grounding zone, Ekstromisen, East Antarctica: **Journal of Glaciology**, 45(150), p. 384-393, illus. incl. sketch map, 30 ref., 1999.

**60003025**

**Kameda, T. (Kitami Institute of Technology, Hokkaido, Japan); Yoshimi, H.; Azuma, N. and Motoyama, H.**

Observation of "yukimarino" on the snow surface of the inland plateau, Antarctic ice sheet: **Journal of Glaciology**, 45(150), p. 394-396, illus., 10 ref., 1999.

**60003026**

**Oerlemans, J. (Utrecht University, Institute for Marine and Atmospheric Research, Utrecht, Netherlands); Cogley, J. Graham and Adams, W. P.**

Mass balance of glaciers other than the ice sheets; discussion and reply: **Journal of Glaciology**, 45(150), p. 397-399, illus., 14 ref., 1999. For reference to original see Cogley, J. G. and W. P. Adams, J. Glaciol., Vol. 44, No. 147, p. 315-325, 1998.

**60003027**

**Slupetzky, Heinz (University of Salzburg, Department of Geography and Geoinformation, Salzburg, Austria); Cogley, J. Graham and Adams, W. P.**

Mass balance of glaciers other than the ice sheets; discussion and reply: **Journal of Glaciology**, 45(150), p. 399-400, 4 ref., 1999. For reference to original see Cogley, J. G. and W. P. Adams, J. Glaciol., Vol. 44, No. 147, p. 315-325, 1998.

**60003028**

**Krüger, Johannes (University of Copenhagen, Institute of Geography, Copenhagen, Denmark) and Aber, James.**

Formation of supraglacial sediment accumulations on Kotlujokull, Iceland: **Journal of Glaciology**, 45(150), p. 400-402, illus., 8 ref., 1999.

**60003029**

**Wells, Alan (101A New Road, Cambridge, United Kingdom).**  
Whirled patterns in thawing snow: **Journal of Glaciology**, 45(150), p. 403, illus., 1999.

**60003030**

**Brochu, Michel (Etudes de Glaciologie Continentale, Marine et Fluviale, Villejuif, France).**  
Observation des placages verticaux de glace sur les coupes routieres du Vermont et du Quebec (du 43° au 54° de latitude Nord) [Observation of vertical coatings of ice on roadcuts in Vermont and Quebec (from 43° to 54° north latitude)]: *in Cahiers geologiques* (Cailleux, André; *et al.*), **Cahiers Géologiques**, 130, p. 1672-1674 (English sum.), 1 ref., 1997.

**60003031**

**Brochu, Michel (Etudes de Glaciologie Continentale, Fluviale et Marine, Villejuif, France).**  
Disparité des modeles de la glace d'echelle deca et hectokilometrique en Antarctique et comparaison avec le Groenland [Disparity of ice models, on the scale of deca- and hectokilometers, in Antarctica and comparison with Greenland]: *in Cahiers geologiques* (Cailleux, André; *et al.*), **Cahiers Géologiques**, 130, p. 1675-1679 (English sum.), 2 tables, 2 ref., 1997.

**60003032**

**Ferrick, M. G. (U. S. Army Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory, Hanover, NH).**  
Simple wave and monoclinal wave model; river flow surge applications and implications: **Water Resources Research**, 41(11), W11402, illus. incl. 5 tables, 21 ref., November 2005. CRREL Report No: ERDC/CRREL MP-06-6580

**60003033**

**Conil, Sébastien (Laboratoire de Météorologie Dynamique, Paris, France) and Li, Laurent Z. X.**  
Linearity of the atmospheric response to North Atlantic SST and sea ice anomalies: **Journal of Climate**, 18(12), p. 1986-2003, illus. incl. 1 table, sketch maps, 51 ref., June 15, 2005. Includes appendix.

**60003034**

**Holland, Marika M. (National Center for Atmospheric Research, Boulder, CO); Bitz, Cecilia M. and Hunke, Elizabeth C.**  
Mechanisms forcing an Antarctic dipole in simulated sea ice and surface ocean conditions: **Journal of Climate**, 18(12), p. 2052-2066, illus. incl. sketch map, 45 ref., June 15, 2005.

**60003035**

**Shaman, Jeffrey (Harvard University, Department of Earth and Planetary Sciences, Cambridge, MA) and Tziperman, Eli.**  
The effect of ENSO on Tibetan Plateau snow depth; a stationary wave teleconnection mechanism and implications for the south Asian monsoons: **Journal of Climate**, 18(12), p. 2067-2079, 50 ref., June 15, 2005. NSF Grant ATM-0351123.

**60003036**

**Wetterich, Sebastian (Alfred Wegener Institute for Polar and Marine Research, Potsdam, Federal Republic of Germany); Schirrmeister, Lutz and Pietrzeniuk, Erika.**

Freshwater ostracodes in Quaternary permafrost deposits in the Siberian Arctic: **Journal of Paleolimnology**, 34(3), p. 363-376, illus. incl. 2 tables, 3 plates, charts, sketch maps, 49 ref., October 2005.

**60003037**

**Arnaud, Emmanuelle (University of Guelph, Department of Land Resource Science, Guelph, ON, Canada) and Eyles, Carolyn H.**

Neoproterozoic environmental change recorded in the Port Askaig Formation, Scotland; climatic vs tectonic controls: **Sedimentary Geology**, 183(1-2), p. 99-124, illus. incl. strat. cols., 1 table, geol. sketch maps, 112 ref., January 1, 2006.

**60003038**

**Kamenov, Borislav K. (Sofia University, Faculty of Geology and Geography, Sofia, Bulgaria); Zheng Xiangshen; Dimov, Dimo and Pimpirev, Christo.**

The isolated plutons in Hurd Peninsula, Livingston Island, Antarctica; petrological and geochronological evidences of their affiliations to Barnard Point Batholith: **Geokhimiya, Mineralogiya i Petrologiya**, 42, p. 67-86 (Bulgarian sum.), illus. incl. 5 tables, sketch map, 36 ref., 2005.

**60003039**

**Simonov, Yu. A. (Moscow State University, Moscow, Russian Federation) and Khristoforov, A. V.**

Analysis of many-year variations in river runoff into the Arctic Ocean: **Water Resources**, 32(6), p. 587-593, illus. incl. 4 tables, geol. sketch maps, 11 ref., December 2005.

**60003040**

**Arunachalam, A. V. M. (WISER Associates, Saint John's, NL, Canada).**

Application of dimensional analysis to estimation of ice-induced pressures on rigid vertical structures: **Canadian Journal of Civil Engineering = Revue Canadienne de Génie Civil**, 32(5), p. 968-980 (French sum.), illus. incl. 1 table, 30 ref., October 2005.

**60003041**

**Anonymous.**

Results from ice, cloud, and land elevation satellite (ICESat) mission: **Geophysical Research Letters**, 32(21), variously paginated, illus., November 16, 2005. Individual papers within scope are cited separately.

**60003042**

**Schultz, B. E. (University of Texas at Austin, Center for Space Research, Austin, TX); Zwally, H. J.; Shuman, C. A.; Hancock, D. and DiMarzio, J. P.**

Overview of the ICESat Mission: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 4 p., illus. incl. 1 table, 10 ref., November 16, 2005.

**60003043**

**Abshire, James B.** (NASA, Goddard Space Flight Center, Greenbelt, MD); **Sun, Xiaoli; Riris, Haris; Sirota, J. Marcos; McGarry, Jan F.; Palm, Steve; Yi, Donghui and Liiva, Peter.**

Geoscience Laser Altimeter System (GLAS) on the ICESat Mission; on-orbit measurement performance: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 4 p., illus., 13 ref., November 16, 2005.

**60003044**

**Magruder, L.** (University of Texas at Austin, Center for Space Research, Austin, TX); **Silverberg, E.; Webb, C. and Schultz, B. E.**

In situ timing and pointing verification of the ICESat altimeter using a ground-based system: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 5 p., illus., 7 ref., November 16, 2005.

**60003045**

**Luthcke, S. B.** (NASA, Goddard Space Flight Center, Space Geodesy Laboratory, Greenbelt, MD); **Rowlands, D. D.; Williams, T. A. and Sirota, J. Marcos.**

Reduction of ICESat systematic geolocation errors and the impact on ice sheet elevation change detection: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 4 p., illus. incl. geol. sketch map, 5 ref., November 16, 2005.

**60003046**

**Ficker, H. A.** (Scripps Institution of Oceanography, Institute of Geophysics and Planetary Physics, La Jolla, CA); **Borsa, A.; Minster, B.; Carabajal, Claudia C.; Quinn, K. and Bills, B.**

Assessment of ICESat performance at the Salar de Uyuni, Bolivia: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 5 p., illus. incl. 1 table, geol. sketch map, 4 ref., November 16, 2005.

**60003047**

**Martin, C. F.** (EG&G Technical Services, Wallops Island, VA); **Thomas, R. H.; Krabill, W. B. and Manizade, S. S.**

ICESat range and mounting bias estimation over precisely-surveyed terrain: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 4 p., illus. incl. 2 tables, 5 ref., November 16, 2005.

**60003048**

**Smith, Benjamin E.** (University of Washington, Earth and Space Sciences, Seattle, WA); **Bentley, Charles R. and Raymond, Charles F.**

Recent elevation changes on the ice streams and ridges of the Ross Embayment from ICESat crossovers: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 5 p., illus. incl. 2 tables, 20 ref., November 16, 2005.

**60003049**

**Harding, David J.** (NASA, Goddard Space Flight Center, Planetary Geodynamics Laboratory, Greenbelt, MD) and **Carabajal, Claudia C.**

ICESat waveform measurements of within-footprint topographic relief and vegetation vertical structure: *in* Results from ice, cloud, and land elevation satellite (ICESat) mission, **Geophysical Research Letters**, 32(21), 4 p., illus., 9 ref., November 16, 2005.

**60003050**

**Zou, Youjia (University of Auckland, Department of Geography and Environmental Studies, Auckland, New Zealand).**

Apie ledynų traukimą Antarktidos pusiasalyje [Behind the retreat of glaciers on the Antarctic Peninsula]: **Geologijos Akiracai**, 2005(3), p. 45-47 (English sum.), illus. incl. sketch maps, 7 ref., 2005.

**60003051**

**Schuster, S. S. (Macquarie University, Natural Hazards Research Centre, Sydney, N.S.W., Australia); Blong, R. J.; Leigh, R. J. and McAneney, K. J.**

Characteristics of the 14 April 1999 Sydney hailstorm based on ground observations, weather radar, insurance data and emergency calls: **Natural Hazards and Earth System Sciences (NHESS)**, 5(5), p. 613-620, illus. incl. 1 table, sketch maps, 27 ref., 2005.

**60003052**

**Tammi, Jouni (University of Helsinki, Department of Limnology and Environmental Protection, Helsinki, Finland); Lappalainen, Antti and Bergman, Tarja.**

Water quality and fish populations of acid sensitive waters in the Vatsari area, northeastern Finland; responses to reduced sulphur emissions from the Kola Peninsula, Russia, in the 1990s:

**Boreal Environment Research**, 8(1), p. 1-7, illus. incl. 3 tables, sketch map, 21 ref., 2003.

**60003053**

**Siimes, Katri (Finnish Environment Institute, Helsinki, Finland) and Kamari, Juha.**

A review of available pesticide leaching models; selection of models for simulation of herbicide fate in Finnish sugar beet cultivation: **Boreal Environment Research**, 8(1), p. 31-51, illus. incl. 7 tables, 105 ref., 2003.

**60003054**

**Vuori, Kari-Matti (North Karelia Regional Environment Centre, Joensuu, Finland); Siren, Olle and Luotonen, Hannu.**

Metal contamination of streams in relation to catchment silvicultural practices; a comparative study in Finnish and Russian headwaters: **Boreal Environment Research**, 8(1), p. 61-70, illus. incl. 1 table, sketch map, 45 ref., 2003.

**60003055**

**Gruza, G. V. (Rosgidromet i Rossiiskaia Akademija Nauk, Institut Global'nogo Klimata i Ekologii, Moscow, Russian Federation); Maistrova, V. V.; Bol'shakova, I. I. and Zhukova, O. L.**

Mnogoletnie kolebaniia temperatury svobodnoi atmosfery v iuzhnoi polyarnoi oblasti [Long-term fluctuations of atmospheric temperature in the South Pole region]: **Meteorologija i Gidrologija**, 2005(4), p. 5-17 (English sum.), illus. incl. 4 tables, 18 ref., 2005.

**60003056**

**Yamazaki, Gaku (Hokkaido University, Institute of Low Temperature Science, Sapporo, Japan); Ishii, Yoshiyuki; Kobayashi, Daiji; Ishikawa, Nobuyoshi and Shibata, Hideaki.**

Cl<sup>-</sup> budget and subsurface runoff process during the snowmelt season in a nival mountainous watershed: **Seppyō = Journal of the Japanese Society of Snow and Ice**, 67(6), p. 477-491, (Japanese) (English sum.), illus., 28 ref., November 2005.

**60003057**

**Sato, Takeshi (National Research Institute for Earth Science and Disaster Prevention, Snow and Ice Research Group, Yamagata-ken, Japan); Mochizuki, Shigeto; Kosugi, Kenji and Nemoto, Masaki.**

Effects of particle shape on mass flux measurement of drifting snow by snow particle counter: **Seppyo = Journal of the Japanese Society of Snow and Ice**, 67(6), p. 493-503, (Japanese) (English sum.), illus., 13 ref., November 2005.

**60003058**

**Shimada, Kiyoshi (Sato Kensetsu Kogyo Company, Tokyo, Japan); Hasemi, Tatsuo; Sato, Takeshi and Sato, Atsushi.**

Development of a high-performance wing-type snow fence; Part 1, Analytical and model tests: **Seppyo = Journal of the Japanese Society of Snow and Ice**, 67(6), p. 505-520, (Japanese) (English sum.), 4 ref., November 2005.

**60003059**

**Shimada, Kiyoshi (Sato Kensetsu Kogyo Company, Tokyo, Japan); Hasemi, Tatsuo; Sato, Takeshi and Sato, Atsushi.**

Development of a high-performance wing-type snow fence; Part 2, Structural design and field test with actual fence: **Seppyo = Journal of the Japanese Society of Snow and Ice**, 67(6), p. 521-530, (Japanese) (English sum.), illus. incl. 6 tables, 3 ref., November 2005.

**60003060**

**Ontkean, Gerald R. (Alberta Agriculture, Irrigation Branch, Lethbridge, AB, Canada); Chanasyk, David S. and Bennett, D. Rodney.**

Snowmelt and growing season phosphorus flux in an agricultural watershed in south-central Alberta, Canada: **Water Quality Research Journal of Canada**, 40(4), p. 402-417, illus. incl. 7 tables, sketch map, 47 ref., 2005.

**60003061**

**Moraal, H. (North-West University, Unit for Space Physics, Potchefstroom, South Africa); Muscheler, R.; du Plessis, L.; Kubik, P. W.; Beer, J.; McCracken, K. G. and McDonald, F. B.**

<sup>10</sup>Be concentration in the ice shelf of Queen Maud Land: **South African Journal of Science**, 101(5-6), p. 299-301, illus. incl. 1 table, 17 ref., June 2005.

**60003062**

**Eriksson, Mikael (University of British Columbia, Department of Microbiology and Immunology, Vancouver, BC, Canada); Sodersten, Erik; Yu, Zhongtang; Dalhammar, Gunnel and Mohn, William W.**

Degradation of polycyclic aromatic hydrocarbons at low temperature under aerobic and nitrate-reducing conditions in enrichment cultures from northern soils: **Applied and Environmental Microbiology**, 69(1), p. 275-284, illus. incl. 3 tables, 49 ref., January 2003.

**60003063**

**Rüggeberg, Andres (GEOMAR, University of Kiel, Leibniz Institute of Marine Sciences, Kiel, Federal Republic of Germany); Dorschel, Boris; Dullo, Wolf-Christian and Hebbeln, Dierk.**

Sedimentary patterns in the vicinity of a carbonate mound in the Hovland mound province, northern Porcupine Seabight: *in* Cold water corals and ecosystems (Freiwald, André, editor; *et al.*), *in the collection* Erlangen Earth conference series (Freiwald, André, editor). Springer-Verlag Berlin Heidelberg, New York, NY, p. 87-112, illus. incl. sketch map, 4 tables, sect., 58 ref., 2005. *Meeting:* 2nd international symposium on Deep-sea corals, Sept. 9-12, 2003, Erlangen, Federal Republic of Germany.

**60003064**

**Frank, Norbert (Commissariat à l'Energie Atomique-CNRS, Laboratoire des Sciences du Climat et de l'Environnement, Gif-sur Yvette, France); Lutringer, Audrey; Paterne, Martine; Blamart, Dominique; Henriet, Jean-Pierre; van Rooij, David and van Weering, Tjeerd C. E.**

Deep-water corals of the northeastern Atlantic margin; carbonate mound evolution and upper intermediate water ventilation during the Holocene: *in* Cold water corals and ecosystems (Freiwald, André, editor; *et al.*), *in the collection* Erlangen Earth conference series (Freiwald, André, editor). Springer-Verlag Berlin Heidelberg, New York, NY, p. 113-133, illus. incl. 3 tables, sketch map, 47 ref., 2005. *Meeting:* 2nd international symposium on Deep-sea corals, Sept. 9-12, 2003, Erlangen, Federal Republic of Germany.

**60003065**

**Lindberg, Bjorn (University of Tromso, Department of Geology, Tromso, Norway) and Mienert, Jurgen.**

Sedimentological and geochemical environment of the Fugloy Reef off northern Norway: *in* Cold water corals and ecosystems (Freiwald, André, editor; *et al.*), *in the collection* Erlangen Earth conference series (Freiwald, André, editor). Springer-Verlag Berlin Heidelberg, New York, NY, p. 633-650, illus. incl. 2 tables, geol. sketch map, 39 ref., 2005. *Meeting:* 2nd international symposium on Deep-sea corals, Sept. 9-12, 2003, Erlangen, Federal Republic of Germany.

**60003066**

**Major, Jon J. (U. S. Geological Survey, Vancouver, WA); Pierson, Thomas C. and Scott, Kevin M.**

Debris flows at Mount St. Helens, Washington, USA: *in* Debris-flow hazards and related phenomena (Jakob, Matthias, editor; *et al.*), Springer, Berlin, Federal Republic of Germany, p. 685-731, illus. incl. 3 tables, sects., 108 ref., 2005.

**60003067**

**Wieczorek, Gerald F. (U. S. Geological Survey, Menlo Park, CA) and Glade, Thomas.**

Climatic factors influencing occurrence of debris flows: *in* Debris-flow hazards and related phenomena (Jakob, Matthias, editor; *et al.*), Springer, Berlin, Federal Republic of Germany, p. 325-362, illus. incl. 3 plates, 1 table, geol. sketch maps, 153 ref., 2005.

**60003068**

**Powell, Ross D. (Northern Illinois University, Department of Geology and Environmental Geosciences, DeKalb, IL); DeConto, Robert M. and Pollard, David.**

Drilling back to the future; a new Antarctic project will drill deep into the frozen Southern Continent to uncover its climate secrets: **Geotimes**, 51(3), p. 18-22, illus. incl. sketch map, March 2006.

**60003069**

**Montañez, Isabel (University of California at Davis, Department of Geology, Davis, CA) and Soreghan, G. S.**

Earth's fickle climate; lessons learned from deep-time ice ages: **Geotimes**, 51(3), p. 24-27, illus., March 2006.

**60003070**

**Lubick, Naomi.**

Arctic amplification; the northern latitudes provide early warning for global climate change: **Geotimes**, 51(3), p. 30-33, illus., March 2006.

**60003071**

**Lyons, W. Berry (Ohio State University, Byrd Polar Research Center, Columbus, OH).**

Antarctica; through the eyes of writers and artists: **Geotimes**, 51(3), p. 46-47, illus., March 2006.

**60003072**

**Bestmann, M. (University of Vienna, Department of Geodynamics and Sedimentology, Vienna, Austria); Rice, Alexander Hugh N.; Langenhorst, F.; Grasemann, B. and Heidelbach, F.**

Subglacial bedrock welding associated with glacial earthquakes: **Journal of the Geological Society of London**, 163(3), p. 417-420, illus., 32 ref., May 2006.

**60003073**

**Lafferty, B. (University of Ulster, Environmental Science Research Institute, Coleraine, United Kingdom); Quinn, R. and Breen, C.**

Subglacial imprints associated with the isolation and decay of an ice mass in the Lower Lough Erne Basin, Co. Fermanagh, NW Ireland: **Journal of the Geological Society of London**, 163(3), p. 421-430, illus. incl. sects., 58 ref., May 2006.

**60003074**

**Savoy, Lauret E. (Mount Holyoke College); Moores, Eldridge M. and Moores, Judith E., editors.**

Bedrock; writers on the wonders of geology: Trinity University Press, San Antonio, TX, 339 p., illus., 2006. ISBN: 1-59534-023-8. Individual papers are not cited separately.

**60003075**

**Kobojek, Elzbieta (Uniwersytet Łódzki, Łódź, Poland).**

Osady i procesy stokowe na Wyżynie Częstochowskiej i Wielunskiej oraz Wysoczyznie Rawskiej [Slope deposits and slope processes in the Częstochowa and Wielun Upland and the Rawa Plateau]: *in* Przykłady badań geomorfologicznych w regionie łódzkim (Turkowska, Krystyna, editor), **Acta Geographica Lodziensia**, 78, p. 7-42 (English sum.), illus., 37 ref., 2000.

**60003080**

**Kurzawa, Marcin (Polish Geological Institute, Pomeranian Branch, Szczecin, Poland).** The sedimentary record and rates of Quaternary vertical tectonic movements in NW Poland: *in Uplift and erosion; driving processes and resulting landforms; dynamic relations between crustal and surficial processes* (Bartolini, Carlo, editor; *et al.*), **Quaternary International**, 101-102, p. 137-148, illus. incl. sects., 1 table, geol. sketch maps, 51 ref., 2003. *Meeting: Uplift and erosion; driving processes and resulting landforms; dynamic relations between crustal and surficial processes*, Sept. 20-21, 2001, Pontignano, Italy.

**60003081**

**Ling, Feng (University of Colorado at Boulder, National Snow and Ice Data Center, Boulder, CO) and Zhang, Tingjun.**

A numerical model for surface energy balance and thermal regime of the active layer and permafrost containing unfrozen water: **Cold Regions Science and Technology**, 38(1), p. 1-15, January 2004.

**60003082**

**Tiefenbacher, F. (WSL, Swiss Federal Institute for Snow and Avalanche Research SLF, Davos Dorf, Switzerland) and Kern, M. A.**

Experimental devices to determine snow avalanche basal friction and velocity profiles: **Cold Regions Science and Technology**, 38(1), p. 17-30, January 2004.

**60003083**

**Yu Wenbing (Chinese Academy of Sciences, Cold and Arid Regions Environmental and Engineering Research Institute, Lanzhou, China); Lai Yuanming; Zhang Xuefu; Zhang Shujuan and Xiao Jiangzhang.**

Laboratory investigation on cooling effect of coarse rock layer and fine rock layer in permafrost regions: **Cold Regions Science and Technology**, 38(1), p. 31-42, January 2004.

**60003084**

**McCarthy, Kathleen (U. S. Geological Survey, Portland, OR); Walker, Langston and Vigoren, Leah.**

Subsurface fate of spilled petroleum hydrocarbons in continuous permafrost: **Cold Regions Science and Technology**, 38(1), p. 43-54, January 2004.

**60003085**

**Instanes, Arne (University Centre on Svalbard (UNIS), Longyearbyen, Svalbard and Jan Mayen Islands); Lonne, Ida and Sandaker, Knut.**

Location of avalanche victims with ground-penetrating radar: **Cold Regions Science and Technology**, 38(1), p. 55-61, January 2004.

**60003086**

**White, Daniel M. (Water and Environmental Research Center, Fairbanks, AK); Garland, D. Sarah; Ping, Chien-Lu and Michaelson, Gary.**

Characterizing soil organic matter quality in Arctic soil by cover type and depth: **Cold Regions Science and Technology**, 38(1), p. 63-73, January 2004.

**60003087**

**Pattyn, Frank (Vrije Universiteit Brussel, Department of Geography, Brussels, Belgium).** A numerical model for an alternative origin of Lake Vostok and its exobiological implications for Mars; reply: **Journal of Geophysical Research, E, Planets**, 109(11), 4 p., illus., 11 ref., November 25, 2004. For reference to discussion see Siegert, M. J., *Journal of Geophysical Research*, Vol. 109, E02007, doi: 10.1029/2003JE002176, 2004; for reference to original see Duxbury, N., et al., *Journal of Geophysical Research*, Vol. 106, E1, p. 1453-1462, 2001.

**60003088**

**Goodsell, B. (University of Canterbury, Department of Geography, Christchurch, New Zealand); Anderson, B.; Lawson, W. J. and Owens, I. F.**

Outburst flooding at Franz Josef Glacier, south Westland, New Zealand: **New Zealand Journal of Geology and Geophysics**, 48(1), p. 95-104, illus. incl. 2 tables, 33 ref., 2005. Accessed on April 26, 2006.

<http://www.rsnz.org/publish/nzjgg/2005/008.pdf>

**60003089**

**Winkler, Stefan (Universität Würzburg, Geographisches Institut, Wuerzburg, Federal Republic of Germany).**

The Schmidt hammer as a relative-age dating technique; potential and limitations of its application on Holocene moraines in Mt Cook National Park, Southern Alps, New Zealand: **New Zealand Journal of Geology and Geophysics**, 48(1), p. 105-116, illus. incl. 8 tables, 52 ref., 2005. Accessed on April 26, 2006.

<http://www.rsnz.org/publish/nzjgg/2005/009.pdf>

**60003090**

**Chuck, Adele L. (University of East Anglia, School of Environmental Sciences, Norwich, United Kingdom); Turner, Suzanne M. and Liss, Peter S.**

Oceanic distributions and air-sea fluxes of biogenic halocarbons in the open ocean: **Journal of Geophysical Research**, 110(C10), 12 p., illus. incl. 5 tables, sketch map, 58 ref., October 8, 2005.

**60003091**

**Yamamoto-Kawai, Michiyo (University of Alaska Fairbanks, International Arctic Research Center, Fairbanks, AK) and Tanaka, Noriyuki.**

Freshwater and brine behaviors in the Arctic Ocean deduced from historical data of  $\delta^{18}\text{O}$  and alkalinity (1929-2002 A.D.): **Journal of Geophysical Research**, 110(C10), 16 p., illus. incl. sketch map, 1 table, sect., 67 ref., October 8, 2005.

**60003092**

**Nishino, Shigeto (Japan Agency for Marine-Earth Science and Technology, Yokosuka, Japan); Shimada, Koji and Itoh, Motoyo.**

Use of ammonium and other nitrogen tracers to investigate the spreading of shelf waters in the western Arctic halocline: **Journal of Geophysical Research**, 110(C10), 6 p., illus. incl. sketch map, sect., 11 ref., October 8, 2005.

**60003093**

**Stramska, Malgorzata (University of Southern California, Hancock Institute for Marine Studies, Los Angeles, CA) and Stramski, Dariusz.**

Variability of particulate organic carbon concentration in the north polar Atlantic based on ocean color observations with Sea-viewing Wide Field-of-view Sensor (SeaWiFS): **Journal of Geophysical Research**, 110(C10), 16 p., illus. incl. 1 table, sketch map, 47 ref., October 8, 2005.

**60003094**

**Prasad, T. G. (Naval Postgraduate School, Department of Oceanography, Monterey, CA); McClean, Julie L.; Hunke, Elizabeth C.; Semtner, Albert J. and Ivanova, Detelina P.**

A numerical study of the western Cosmonaut polynya in a coupled ocean-sea ice model: **Journal of Geophysical Research**, 110(C10), 21 p., illus. incl. sketch map, 1 table, sect., 33 ref., October 8, 2005.

**60003095**

**Forsberg, R. (Danish National Space Center, Geodynamics Department, Copenhagen, Denmark) and Skourup, H.**

Arctic Ocean gravity, geoid and sea-ice freeboard heights from ICESat and GRACE: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. 1 table, geol. sketch map, 11 ref., November 16, 2005.

**60003096**

**Francis, Jennifer A. (Rutgers University, Institute of Marine and Coastal Sciences, Brunswick, NJ); Hunter, Elias; Key, Jeffrey R. and Wang, Xuanji.**

Clues to variability in Arctic minimum sea ice extent: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. 2 tables, sketch map, 17 ref., November 16, 2005.

**60003097**

**Ye Baisheng (Chinese Academy of Sciences, Cold and Arid Regions Environmental and Engineering Research Institute, Lanzhou, China); Yang, Daqing; Jiao Keqin; Han Tianding; Jin Zhefan; Yang Huian and Li Zhongqin.**

The Urumqi River source Glacier No. 1, Tianshan, China; changes over the past 45 years: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. geol. sketch map, 18 ref., November 16, 2005.

**60003098**

**Kaempfer, T. U. (WSL, Swiss Federal Institute for Snow and Avalanche Research, Davos, Switzerland); Schneebeli, M. and Sokratov, S. A.**

A microstructural approach to model heat transfer in snow: **Geophysical Research Letters**, 32(21), 5 p., illus. incl. 1 table, 21 ref., November 16, 2005.

**60003099**

**Ikeda, M. (Hokkaido University, Graduate School of Environmental Earth Science, Sapporo, Japan); Colony, R.; Yamaguchi, H. and Ikeda, T.**

Decadal variability in the Arctic Ocean shown in hydrochemical data: **Geophysical Research Letters**, 32(21), 5 p., illus. incl. geol. sketch map, sect., 12 ref., November 16, 2005.

**60003100**

**Karcher, M. (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany); Gerdes, R.; Kauker, F.; Köberle, C. and Yashayaev, I.**  
Arctic Ocean change heralds North Atlantic freshening: **Geophysical Research Letters**, 32(21), 5 p., illus. incl. geol. sketch map, 25 ref., November 16, 2005.

**60003101**

**Wilkenskjeld, Stig (University of Hamburg, Institut für Meerskunde, Hamburg, Federal Republic of Germany) and Quadfasel, Detlef.**  
Response of the Greenland-Scotland overflow to changing deep water supply from the Arctic Mediterranean: **Geophysical Research Letters**, 32(21), 5 p., illus. incl. sect., block diag., 15 ref., November 16, 2005.

**60003102**

**Grippa, M. (Centre d'Etudes Spatiales de la Biosphère, Toulouse, France); Kergoat, L.; Le Toan, T.; Mognard, N. M.; Delbart, N.; L'Hermitte, J. and Vicente-Serrano, S. M.**  
The impact of snow depth and snowmelt on the vegetation variability over central Siberia: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. 1 table, sketch map, 25 ref., November 16, 2005.

**60003103**

**Shotyk, William (University of Heidelberg, Institute of Environmental Geochemistry, Heidelberg, Federal Republic of Germany); Zheng, Jiancheng; Krachler, Michael; Zdanowicz, Christian; Koerner, Roy and Fisher, David.**  
Predominance of industrial Pb in recent snow (1994-2004) and ice (1842-1996) from Devon Island, Arctic Canada: **Geophysical Research Letters**, 32(21), 4 p., illus., 27 ref., November 16, 2005.

**60003104**

**Bramall, N. E. (University of California at Berkeley, Department of Physics, Berkeley, CA); Bay, R. C.; Woschnagg, K.; Rohde, R. A. and Price, P. B.**  
A deep high-resolution optical log of dust, ash, and stratigraphy in South Pole glacial ice: **Geophysical Research Letters**, 32(21), 4 p., illus., 13 ref., November 16, 2005.

**60003105**

**Espy, P. J. (British Antarctic Survey, Natural Environment Research Council, Cambridge, United Kingdom); Hibbins, R. E.; Riggin, D. M. and Fritts, D. C.**  
Mesospheric planetary waves over Antarctica during 2002: **Geophysical Research Letters**, 32(21), 4 p., illus., 21 ref., November 16, 2005.

**60003106**

**Justino, Flávio (University of Toronto, Department of Physics, Toronto, ON, Canada) and Peltier, W. Richard.**  
The glacial North Atlantic Oscillation: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. sketch map, 23 ref., November 16, 2005.

**60003107**

**Jacob, Daniela (Max Planck Institute for Meteorology, Hamburg, Federal Republic of Germany); Goettel, Holger; Jungclaus, Johann; Muskulus, Michael; Podzun, Ralf and Marotzke, Jochem.**

Slowdown of the thermohaline circulation causes enhanced maritime climate influence and snow cover over Europe: **Geophysical Research Letters**, 32(21), 5 p., illus. incl. 2 tables, sketch map, 22 ref., November 16, 2005.

**60003108**

**Calov, Reinhard (Potsdam Institute for Climate Impact Research, Potsdam, Federal Republic of Germany) and Ganopolski, Andrey.**

Multistability and hysteresis in the climate-cryosphere system under orbital forcing: **Geophysical Research Letters**, 32(21), 4 p., illus. incl. geol. sketch map, 22 ref., November 16, 2005.

**60003109**

**Bezrukova, E. V. (Russian Academy of Sciences, Siberian Branch, Limnological Institute, Irkutsk, Russian Federation); Abzaeva, A. A.; Letunova, P. P.; Kulagina, N. V.; Vershinin, K. E.; Belov, A. V.; Orlova, L. A.; Danko, L. V. and Krapivina, S. M.**

Post-glacial history of Siberian spruce (*Picea obovata*) in the Lake Baikal area and the significance of this species as a paleo-environmental indicator: *in* Paleolimnological records from Asian lacustrine systems; archives of large-scale seasonal atmospheric circulation changes in the Northern Hemisphere (Prokopenko, Alexander A., editor; *et al.*), **Quaternary International**, 136, p. 47-57, illus. incl. 2 tables, sketch maps, 51 ref., July 2005. *Meeting:* Third international limnogeology congress (ILIC3), March 29-April 2, 2003, Tucson, AZ.

**60003110**

**Krivenogov, Sergey K. (Russian Academy of Sciences, United Institute of Geology, Geophysics and Mineralogy, Novosibirsk, Russian Federation); Sheinkman, Vladimir S. and Mistruykov, Anatoly A.**

Stages in the development of the Darhad dammed lake (northern Mongolia) during the late Pleistocene and Holocene: *in* Paleolimnological records from Asian lacustrine systems; archives of large-scale seasonal atmospheric circulation changes in the Northern Hemisphere (Prokopenko, Alexander A., editor; *et al.*), **Quaternary International**, 136, p. 83-94, illus. incl. 1 table, geol. sketch maps, 44 ref., July 2005. *Meeting:* Third international limnogeology congress (ILIC3), March 29-April 2, 2003, Tucson, AZ.

**60003111**

**Bezrukova, E. V. (Russian Academy of Sciences, Institute of Geochemistry, Irkutsk, Russian Federation); Bukharov, A.; Bychinsky, V.; Fedeny, S.; Gelety, Vladimir F.; Goreglyad, A.; Gorokhov, I.; Gvozdov, Alexander N.; Ivanov, E.; Kalmychkov, Gennady V.; Kawai, T.; Kerber, E.; Khakhaev, B.; Khomutova, M.; Khursevich, Galina K.; Kochukov, V.; Krainov, V.; Kravchinsky, V.; Kudryashov, N.; Kulagina, N. V.; Kuzmin, Mikhail I.; Letunova, P. P.; Levina, O.; Ochia, S.; Pevsner, L.; Prokopenko, Alexander A.; Solotchin, A.; Tanka, L.; Tkachenko, L.; Williams, D. and Yamaguchi, J.**

A new Quaternary record of regional tectonic, sedimentation and paleoclimate changes from drill core BDP-99 at Posolskaya Bank, Lake Baikal: *in* Paleolimnological records from Asian lacustrine systems; archives of large-scale seasonal atmospheric circulation changes in the Northern Hemisphere (Prokopenko, Alexander A., editor; *et al.*), **Quaternary International**, 136, p. 105-121, illus. incl. 1 table, sketch map, 34 ref., July 2005. *Meeting:* Third international limnogeology congress (ILIC3), March 29-April 2, 2003, Tucson, AZ. NSF Grant EAR-9614770.

**60003112**

**Kaniewski, David (Katholieke Universiteit Leuven, Centre for Expertise for Bio and Geoarchaeology and Archaeological Image Processing, Leuven, Belgium);**

**Renault-Miskovsky, J.; Tozzi, C. and de Lumley, H.**

Upper Pleistocene and late Holocene vegetation belts in western Liguria; an archaeopalynological approach: *in* Geochronology and environmental reconstruction; a tribute to Glenn A. Goodfriend (Blackwell, Bonnie A. B., editor; *et al.*), **Quaternary International**, 135, p. 47-63, illus. incl. sketch maps, 90 ref., June 2005.

**60003113**

**Otvos, Ervin G. (University of Southern Mississippi, Department of Coastal Sciences, Ocean Springs, MS).**

Numerical chronology of Pleistocene coastal plain and valley development; extensive aggradation during glacial low sea-levels: *in* Geochronology and environmental reconstruction; a tribute to Glenn A. Goodfriend (Blackwell, Bonnie A. B., editor; *et al.*), **Quaternary International**, 135, p. 91-113, illus. incl. sects., 7 tables, geol. sketch maps, 115 ref., June 2005.

**60003114**

**Pyke, Kendra A. (State University of New York at Buffalo, Department of Geology, Buffalo, NY); Baker, Gregory S.; Alley, Richard B.; Evenson, Edward B.; Ensminger, Staci; Ham, Nelson R.; Larson, Grahame J. and Lawson, Daniel E.**

Thick-skinned style glaciotectonics at an ice-cored moraine, Matanuska Glacier, Alaska [abstr.]: *in* Geological Society of America, 2003 annual meeting, **Abstracts with Programs - Geological Society of America**, 35(6), p. 299, November 2003. *Meeting*: Geological Society of America, 2003 annual meeting, Nov. 2-5, 2003, Seattle, WA. CRREL Report No: ERDC/CRREL MP-06-6587

**60003118**

**Thayyen, Renoj J. (Wadia Institute of Himalayan Geology, Dehradun, India); Gergan, J. T. and Dobhal, D. P.**

Monsoonal control on glacier discharge and hydrograph characteristics, a case study of Dokriani Glacier, Garhwal Himalaya, India: **Journal of Hydrology**, 306(1-4), p. 37-49, illus. incl. 4 tables, sketch map, 23 ref., May 9, 2005.

**60003119**

**Christoffersen, Poul (University of Wales Aberystwyth, Centre for Glaciology, Aberystwyth, United Kingdom); Piotrowski, Jan A. and Larsen, Nicolaj K.**

Basal processes beneath an Arctic glacier and their geomorphic imprint after a surge, Elisebreen, Svalbard: **Quaternary Research**, 64(2), p. 125-137, illus. incl. geol. sketch maps, 63 ref., September 2005.

**60003120**

**Giraudi, Carlo (ENEA C.R. Casaccia, Rome, Italy).**

Middle to late Holocene glacial variations, periglacial processes and alluvial sedimentation on the higher Apennine massifs (Italy): **Quaternary Research**, 64(2), p. 176-184, illus. incl. 1 table, geol. sketch maps, 24 ref., September 2005.

**60003121**

**Fitch, Simon (University of Birmingham, School of Geography, Earth and Environmental Sciences, Birmingham, United Kingdom); Thomson, Ken and Gaffney, Vince.**

Late Pleistocene and Holocene depositional systems and the palaeogeography of the Dogger Bank, North Sea: **Quaternary Research**, 64(2), p. 185-196, illus. incl. geol. sketch maps, 47 ref., September 2005.

**60003122**

**Peyron, O. (Université de Franche-Comté, Laboratoire de Chrono-Ecologie, Besançon, France); Bégeot, C.; Brewer, S.; Heiri, O.; Magny, M.; Millet, L.; Ruffaldi, P.; Van Campo, E. and Yu, G.**

Late-glacial climatic changes in eastern France (Lake Lautrey) from pollen, lake-levels, and chironomids: **Quaternary Research**, 64(2), p. 197-211, illus. incl. 3 tables, sketch map, 50 ref., September 2005.

**60003123**

**Zech, Roland (University of Bayreuth, Institute of Soil Science and Soil Geography, Bayreuth, Federal Republic of Germany); Abramowski, Uwe; Glaser, Bruno; Sosin, Pjotr; Kubik, Peter W. and Zech, Wolfgang.**

Late Quaternary glacial and climate history of the Pamir Mountains derived from cosmogenic  $^{10}\text{Be}$  exposure ages: **Quaternary Research**, 64(2), p. 212-220, illus. incl. 1 table, geol. sketch maps, 40 ref., September 2005.

**60003124**

**Porter, Stephen C. (University of Washington, Department of Earth and Space Sciences, Seattle, WA) and An Zhisheng.**

Episodic gullying and paleomonsoon cycles on the Chinese Loess Plateau: **Quaternary Research**, 64(2), p. 234-241, illus. incl. geol. sketch maps, 17 ref., September 2005.

**60003125**

**Vacco, David A. (Pennsylvania State University, Department of Geosciences, State College, PA); Clark, Peter U.; Mix, Alan C.; Cheng, Hai and Edwards, R. Lawrence.**

A speleothem record of Younger Dryas cooling, Klamath Mountains, Oregon, USA: **Quaternary Research**, 64(2), p. 249-256, illus. incl. 1 table, sketch map, 40 ref., September 2005.

**60003126**

**Marchetti, David W. (University of Utah, Department of Geology and Geophysics, Salt Lake City, UT); Cerling, Thure E. and Lips, Elliott W.**

A glacial chronology for the Fish Creek drainage of Boulder Mountain, Utah, USA: **Quaternary Research**, 64(2), p. 264-271, illus. incl. 3 tables, geol. sketch maps, 36 ref., September 2005.

**60003127**

**Liu, Kam-biu (Louisiana State University, Department of Geography and Anthropology, Baton Rouge, LA); Reese, Carl A. and Thompson, Lonnie G.**

Ice-core pollen record of climatic changes in the Central Andes during the last 400 yr: **Quaternary Research**, 64(2), p. 272-278, illus. incl. geol. sketch map, 34 ref., September 2005. NSF grants BCS-9906002, BCS-0117338, and BCS-0217321.

**60003128**

**Bartoli, G.** (Kiel University, Institute for Geosciences, Kiel, Federal Republic of Germany); **Sarnthein, M.; Weinelt, M.; Erlenkeuser, H.; Garbe-Schönberg, D.** and **Lea, D. W.** Final closure of Panama and the onset of Northern Hemisphere glaciation: **Earth and Planetary Science Letters**, 237(1-2), p. 33-44, illus. incl. 1 table, sketch map, 64 ref., August 30, 2005.

**60003129**

**González-Sampériz, Penélope** (CSIC, Instituto Pirenaico de Ecología, Saragossa, Spain); **Valero-Garcés, Blas L.; Carrión, José S.; Peña-Monré, José L.; García-Ruiz, José M.** and **Martí-Bono, Carlos.**

Glacial and lateglacial vegetation in northeastern Spain; new data and a review: *in* Quaternary of the Mediterranean basin and western Asia; marine and terrestrial processes and palaeoenvironments (Catto, N., editor), **Quaternary International**, 140-141, p. 4-20, illus. incl. 1 table, geol. sketch map, 92 ref., December 2005.

**60003130**

**Serandrei-Barbero, Rossana** (CNR-Istituto di Scienze del Mare, Venice, Italy); **Bertoldi, Remo; Canali, Giuseppe; Donnici, Sandra and Lezziero, Alberto.** Paleoclimatic record of the past 22,000 years in Venice (northern Italy); biostratigraphic evidence and chronology: *in* Quaternary of the Mediterranean basin and western Asia; marine and terrestrial processes and palaeoenvironments (Catto, N., editor), **Quaternary International**, 140-141, p. 37-52, illus. incl. 2 tables, strat. cols., 67 ref., December 2005.

**60003131**

**Rull, Valentí** (Universitat Autònoma de Barcelona, Departament de Biologia Animal, Barcelona, Spain); **Abbott, Mark B.; Polissar, Pratigya J.; Wolfe, Alexander P.; Bezada, Maximiliano and Bradley, Raymond S.**

15,000-yr pollen record of vegetation change in the high altitude tropical Andes at Laguna Verde Alta, Venezuela: *in* Late Quaternary tropical ecosystem dynamics (Marchant, Rob, editor; *et al.*), **Quaternary Research**, 64(3), p. 308-317, illus. incl. 1 table, geol. sketch map, 54 ref., November 2005. *Meeting:* 11th international palynology congress; session “Late Quaternary tropical ecosystem dynamics; a sensitive tool for unravelling climate, ecological and human impacts”, July 2004, Granada, Spain. NSF Grant ESH ATM-9809472.

**60003132**

**Ledru, M. P.** (Universidade de São Paulo, Instituto de Geociências, São Paulo, Brazil); **Rousseau, D. D.; Cruz, F. W., Jr.; Riccomini, C.; Karmann, I. and Martin, L.**

Paleoclimate changes during the last 100,000 yr from a record in the Brazilian Atlantic rainforest region and interhemispheric comparison: *in* Late Quaternary tropical ecosystem dynamics (Marchant, Rob, editor; *et al.*), **Quaternary Research**, 64(3), p. 444-450, illus. incl. 1 table, sketch map, 65 ref., November 2005. *Meeting:* 11th international palynology congress; session “Late Quaternary tropical ecosystem dynamics; a sensitive tool for unravelling climate, ecological and human impacts”, July 2004, Granada, Spain.

**60003133**

**Mieding, Birgit (Alfred-Wegener-Institut für Polar- und Meeresforschung, Bremerhaven, Federal Republic of Germany).**

Rekonstruktion teusendjähriger aerosolchemischer Eiskernzeitreihen aus Nordostgrönland; Quantifizierung zeitlicher Veränderungen in Atmosphärenzirkulation, Emission und Deposition [Reconstruction of millennial aerosol-chemical ice core records from the northeast Greenland; quantification of temporal changes in atmospheric circulation, emission and deposition]:

**Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 513, 119 p. (English sum.), illus. incl. 4 tables, sketch maps, 66 ref., Doctoral, 2005, Universität Bremen, Bremen, Federal Republic of Germany. Includes 2 appendices.

**60003134**

**Hart, Jane K. (University of Southampton, Department of Geography, Southampton, United Kingdom).**

Athabasca Glacier, Canada; a field example of subglacial ice and till erosion?: **Earth Surface Processes and Landforms**, 31(1), p. 65-80, illus. incl. 4 tables, sketch maps, 39 ref., January 2006.

**60003135**

**McGurk, Bruce, editor (Pacific Gas and Electric).**

Proceedings of the Western snow conference, Seventy-third annual meeting: **Proceedings of the Western Snow Conference**, 73, p. 1-170, illus. incl. tables, geol. sketch maps, 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT. Individual papers within scope are cited separately.

**60003136**

**Steppuhn, H. (Agriculture & Agri-Food Canada, Semiarid Prairie Agricultural Research Centre, Swift Current, SK, Canada).**

Salinity, snow, and salvation: *in* Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 3-14, illus. incl. 3 tables, 15 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003137**

**Sensoy, A. (Anadolu University, Department of Civil Engineering, Eskisehir, Turkey); Sorman, A.; Tekeli, A.; Sorman, A. and Garen, D.**

Temporal and spatial distribution of physically-based point snowmelt model applications in Turkey: *in* Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 15-28, illus. incl. 2 tables, sketch maps, 16 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003138**

**Bales, Roger C. (University of California, Merced, CA); Hartman, Rob; Pagano, Tom and Roos, Maurice.**

Satellite remote sensing of snow; opportunities and challenges for operational hydrology and for the research community: *in* Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 29-32, 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003139**

**Bardsley, Tim (U. S. Department of Agriculture, NRCS Snow Survey Program, Salt Lake City, UT) and Julander, Randall P.**

The documentation of extreme events; two case studies in Utah, water year 2005: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 33-42, illus. incl. 1 table, sketch maps, 4 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003140**

**Dressler, K. (Pennsylvania State University, Institute of the Environment, University Park, PA); Leavesley, G.; Bales, Roger C. and Fassnacht, S.**

Evaluation of gridded snow water equivalent and satellite snowcover products for mountain basins in a hydrologic model [abstr.]: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 43-44, 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT. Abstract only, full text in the Eastern Snow conference's Hydrologic Processes 2006, Paper HYP6130.

**60003141**

**Farnes, Phillip E. (Snowcap Hydrology, Bozeman, MT).**

Climate change in Montana: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 45-56, illus. incl. 2 tables, 2 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003142**

**Harshburger, Brian J. (University of Idaho, Department of Geography, Moscow, ID); Blandford, Troy R.; Humes, K. S.; Walden, V. P. and Moore, B. C.**

Evaluation of enhancements to snowmelt runoff model: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 57-64, illus. incl. sketch maps, 6 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003143**

**Julander, Randall P. (U. S. Department of Agriculture, Natural Resources Conservation Service) and Holcombe, Julie.**

Soil type and site location impacts on soil moisture data collection at high-elevation SNOTEL sites: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 65-72, illus., 3 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003144**

**Molotch, Noah P. (University of Colorado, Cooperative Institute for Research in Environmental Sciences, Boulder, CO) and Bales, Roger C.**

SNOTEL representativeness in the Rio Grande headwaters on the basis of physiographics and remotely-sensed snow cover persistence: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 73-86, illus. incl. 1 table, sketch maps, 45 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT. NSF Grant EAR-9876800.

**60003145**

**Pagano, Thomas (U. S. Department of Agriculture, National Water and Climate Center, Portland, OR); Erxleben, Jennifer and Perkins, Tom.**

Operational simulation modeling at the NRCS National Water and Climate Center: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 87-100, illus. incl. 1 table, 26 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003146**

**Swank, Lyle (Idaho Department of Water Resources, Water District Idaho Falls, ID) and Abramovich, Ron.**

IRIS; an informational river and reservoir simulation display: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 101-106, illus. incl. sketch maps, 4 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003147**

**Swanson, Robert H. (216 Three Sisters Drive, , Canmore, AB, Canada).**

Using the WinWrnsHyd Program as a didactic tool: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 107-116, illus. incl. sketch maps, 11 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003148**

**Blandford, Troy R. (University of Idaho, Department of Geography, Moscow, ID); Harshburger, Brian J.; Humes, K. S.; Moore, B. C. and Walden, V. P.**

Interpolating surface air temperature for use in semi-distributed snowmelt runoff models: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 117-122, illus. incl. 1 table, sketch maps, 7 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003149**

**Brooks, Erin S. (Department of Agricultural and Biological Engineering, Moscow, ID) and Boll, Jan.**

A simple GIS-based snow accumulation and melt model: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 123-130, illus. incl. 2 tables, sketch maps, 13 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT. NSF-CAREER award, BES-9985194.

**60003150**

**Julander, Randall P. (U. S. Department of Agriculture, Natural Resources Conservation Service, Salt Lake City, UT).**

An analysis of the timing of snow course measurement and the potential error compared to April 1 measurement in Utah: *in Proceedings of the Western snow conference, Seventy-third annual meeting (McGurk, Bruce, editor), Proceedings of the Western Snow Conference*, 73, p. 131-138, illus. incl. 2 tables, 2 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003151**

**Palmer, Peter L. (U. S. Bureau of Reclamation, Pacific Northwest Region, Boise, ID).**

AgriMet; modeling evapotranspiration for irrigation water management: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 139-144, illus. incl. 1 table, sketch map, 6 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003152**

**Preston, Vernon L. (NOAA, National Weather Service, Pocatello, ID).**

Weather, water and climate of the Lewis and Clark Expedition (1803-1806): *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 145-154, illus. incl. 2 tables, 47 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003153**

**Shallies, W. Dominic (University of Alaska Southeast, Environmental Science Program, Juneau, AK); Hood, Eran and Knuth, Edwin.**

Testing the CROCUS snowpack model in a high-latitude maritime snow climate, and implications for hydrology and avalanche forecasting [abstr.]: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 155-156, 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003154**

**Toupin, Jerry (University of Alberta, Earth and Atmospheric Sciences, Edmonton, AB, Canada).**

Perception of winter from children and teenagers in Alberta, Canada; a case study of Edmonton and Plamondon: *in Proceedings of the Western snow conference, Seventy-third annual meeting* (McGurk, Bruce, editor), **Proceedings of the Western Snow Conference**, 73, p. 157-164, illus. incl. 6 tables, 7 ref., 2005. *Meeting:* Western snow conference; 73rd annual meeting, April 11-13, 2005, Great Falls, MT.

**60003155**

**Elder, Kelly (Pacific Gas and Electric) and McGurk, Bruce, editors.**

Proceedings of the Western snow conference, Seventy second annual meeting: **Proceedings of the Western Snow Conference**, 72, 118 p., illus. incl. tables, geol. sketch maps, 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada. Individual abstracts within scope are cited separately.

**60003156**

**Lundquist, Jessica D. (University of Colorado, CIRES-Climate Diagnostic Center, Boulder, CO) and Dettinger, Michael D.**

The effect of basin scale on diurnal streamflow timing: *in Proceedings of the Western snow conference, Seventy second annual meeting* (Elder, Kelly, editor; *et al.*), **Proceedings of the Western Snow Conference**, 72, p. 3-14, illus. incl. geol. sketch map, 28 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003157**

**Mote, Philip W. (University of Washington, Climate Impacts Group, Seattle, WA); Hamlet, Alan F. and Lettenmaier, Dennis P.**

Variability and trends in mountain snowpacks in western North America: *in Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; et al.), Proceedings of the Western Snow Conference*, 72, p. 15-22, illus. incl. geol. sketch maps, 15 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada. NOAA cooperative agreement NA17RJ1232, contribution 1094.

**60003158**

**Scheler, Kent (University of Alaska Southeast, Environmental Science Program, Juneau, AK); Carter, Peter and Hood, Eran.**

The relationship between synoptic weather patterns and snowpack stability in a high-latitude maritime snow climate: *in Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; et al.), Proceedings of the Western Snow Conference*, 72, p. 23-32, illus. incl. geol. sketch maps, 16 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003159**

**Spittlehouse, David L. (British Columbia Ministry of Forests, Research Branch, Victoria, BC, Canada) and Winkler, Rita.**

Snowmelt in a forest and clearcut: *in Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; et al.), Proceedings of the Western Snow Conference*, 72, p. 33-44, illus., 22 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003160**

**Winkler, Rita (British Columbia Ministry of Forests, Kamloops, BC, Canada); Gluns, David and Golding, Doug.**

Identifying snow indices for forest planning in southern British Columbia: *in Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; et al.), Proceedings of the Western Snow Conference*, 72, p. 53-64, illus. incl. 3 tables, sketch maps, 21 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003161**

**Woods, Scott W. (University of Montana, Department of Ecosystem and Conservation Sciences, Missoula, MT); McCaughey, Ward; Ahl, Robert and Sappington, Jason.**

Effect of alternative silvicultural treatments on snow accumulation in lodgepole pine stands, Montana, U.S.A.: *in Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; et al.), Proceedings of the Western Snow Conference*, 72, p. 65-74, illus. incl. 2 tables, sketch maps, 28 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003162**

**Zeidler, Antonia (University of Calgary, Department of Civil Engineering, Calgary, AB, Canada) and Jamieson, Bruce.**

Computer assisted avalanche forecasting; skier-triggered avalanches: *in* Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; *et al.*), **Proceedings of the Western Snow Conference**, 72, p. 75-86, illus. incl. 3 tables, sketch maps, 31 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003163**

**Carter, Peter (University of Alaska Southeast, Environmental Science Program, Juneau, AK); Heavner, Matt and Hood, Eran.**

Evaluating the stuffblock and tilt board snowpack tests as snow avalanche forecasting tools: *in* Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; *et al.*), **Proceedings of the Western Snow Conference**, 72, p. 87-94, illus., 15 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003164**

**Pattee, Scott (Natural Resources Conservation Service, Mount Vernon, WA).**

A history of the Skagit River basin snow surveys and hydroelectric project: *in* Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; *et al.*), **Proceedings of the Western Snow Conference**, 72, p. 95-98, illus. incl. sketch map, 2 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003165**

**Swanson, Robert H. (216 Three Sisters Drive, , Canmore, AB, Canada).**

The complete WRENSS hydrologic model: *in* Proceedings of the Western snow conference, Seventy second annual meeting (Elder, Kelly, editor; *et al.*), **Proceedings of the Western Snow Conference**, 72, p. 99-104, illus., 3 ref., 2004. *Meeting:* Western snow conference; 72nd annual meeting, April 19-22, 2004, Richmond, BC, Canada.

**60003166**

**Brown, Jerry (International Permafrost Association, Woods Hole, MA) and Christiansen, Hanne H.**

International Permafrost Association: **Episodes**, 28(4), p. 301-302, illus., December 2005.

**60003167**

**Pelfini, Manuela (University of Milan, Dipartimento di Scienze della Terra, Milan, Italy) and Gobbi, Mauro.**

Enhancement of the ecological value of Forni Glacier (central Alps) as a possible geomorphosite; new data from arthropod communities: **Geografia Fisica e Dinamica Quaternaria (Testo stampato)**, 28(2), p. 211-217 (Italian sum.), illus., 33 ref., 2005.

**60003168**

**Cerutti, Augusta Vittoria (Via Torino 15, Aosta, Italy).**

The Brenva Glacier (Mt. Blanc, Alps) has lost its great valley tongue: **Geografia Fisica e Dinamica Quaternaria (Testo stampato)**, 28(2), p. 229-231 (Italian sum.), illus., 10 ref., 2005.

**60003169**

**Armando, Ernesto (Politecnico di Torino, Dipartimento di Ingegneria del Territorio, dell'Ambiente e delle Geotecnologie, Turin, Italy); Baroni, Carlo and Meneghel, Mirco, editors.**

Relazioni della campagna glaciologica 2004—Report of the glaciological survey 2004: **Geografia Fisica e Dinamica Quaternaria (Testo stampato)**, 28(2), p. 233-288, (Italian, English), illus. incl. tables, sketch map, 2005.

**60003170**

**Monteith, S. S. (Trent University, Watershed Ecosystems Graduate Program, Peterborough, ON, Canada); Buttle, J. M.; Hazlett, P. W.; Beall, F. D.; Semkin, R. G. and Jeffries, D. S.**

Paired-basin comparison of hydrological response in harvested and undisturbed hardwood forests during snowmelt in central Ontario; I, Streamflow, ground water and flowpath behaviour: **Hydrological Processes**, 20(5), p. 1095-1116, illus. incl. 2 tables, sketch map, 62 ref., March 30, 2006.

**60003171**

**Monteith, S. S. (Trent University, Watershed Ecosystems Graduate Program, Peterborough, ON, Canada); Buttle, J. M.; Hazlett, P. W.; Beall, F. D.; Semkin, R. G. and Jeffries, D. S.**

Paired-basin comparison of hydrologic response in harvested and undisturbed hardwood forests during snowmelt in central Ontario; II, Streamflow sources and ground water residence times: **Hydrological Processes**, 20(5), p. 1117-1136, illus. incl. 2 tables, 71 ref., March 30, 2006.

**60003172**

**Talbot, J. (Université Laval, Centre de Recherche en Biologie Forestière, Quebec City, QC, Canada); Plamondon, A. P.; Lévesque, D.; Aubé, D.; Prévos, M.; Chazalmartin, F. and Gnocchini, M.**

Relating snow dynamics and balsam fir stand characteristics, Montmorency Forest, Quebec: **Hydrological Processes**, 20(5), p. 1187-1199, illus. incl. 5 tables, sketch map, 35 ref., March 30, 2006.

**60003173**

**Hoffman, Paul F. (Harvard University, Department of Earth and Planetary Sciences, Cambridge, MA).**

On Cryogenian (Neoproterozoic) ice-sheet dynamics and the limitations of the glacial sedimentary record: **South African Journal of Geology**, 108(4), p. 557-577, illus., 143 ref., December 2005. 28th DeBeers Alex. Du Toit memorial lecture, 2004.

**60003174**

**Kim, Hye-Sun.**

Measured dislocation density variations during creep of pure and sodium chloride doped ice: 82 p., 5 tables, 60 ref., Master's, 1984, University of Illinois at Urbana-Champaign, Urbana, IL.

**60003175**

**Paris, Otto K.**

Stratigraphy and formation of the Powell Moraine, Ohio: 103 p., illus. incl. 3 tables, 52 ref., Master's, 1985, Ohio State University, Columbus, OH.

**60003176**

**Markley, Dale E.**

The Chillicothe City landfill as a potential source of water pollution: 119 p., illus. incl. 20 tables, 63 ref., Master's, 1985, Ohio State University, Columbus, OH.

**60003177**

**Ishman, Scott E.**

Foraminiferal biostratigraphy and paleoecology of Dry Valley drilling cores 10 and 11, Taylor Valley, Antarctica: 253 p., illus. incl. 2 tables, 6 plates, 144 ref., Master's, 1985, Ohio State University, Columbus, OH.

**60003178**

**Walker, Dale Albin.**

Pleistocene geology, stratigraphy, and paleogeomorphology of the Bremen and Rush Creek Valleys, southeastern Ohio: 196 p., illus. incl. 7 tables, 1 plate, 100 ref., Master's, 1983, Ohio State University, Columbus, OH.

**60003179**

**Bow, William Arthur.**

Isotopic diffusion in polar firn: 72 p., illus., 11 ref., Master's, 1982, Ohio State University, Columbus, OH.

**60003180**

**Choate, Robert Earl.**

A paleomagnetic investigation of an early Wisconsinan till from central Ohio: 118 p., illus. incl. 14 tables, 9 plates, 42 ref., Master's, 1980, Ohio State University, Columbus, OH.

**60003181**

**Jaklin, Gunn Sissel, editor (Norsk Polarinstitutt, Tromso, Norway).**

Arsmelding 2002 [Annual report 2002]: **Arsmelding - Norsk Polarinstitutt**, Rep. No. 2002, 18 p. (English sum.), illus., 2002. ISBN: 82-7666-201-3.

**60003182**

**Albrecht, Torsten. Variabilität von CH<sub>2</sub>**

O(formaldehyd); untersucht mit Hilfe der solaren absorptionsspektroskopie und modellen [Variability of CH<sub>2</sub>O (formaldehyde); determined by solar absorption spectroscopy and model studies]: **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 40(1, 131 p. (English sum.), illus. incl. tables, sketch maps, 320 ref., 2001.

**60003183**

**Bulat, J. (British Geological Survey, Edinburgh, United Kingdom) and Long, D.**

Images of the seabed in the Faroe-Shetland Channel from commercial 3D seismic data: *in Seismic expression of contourites and related deposits (Rebesco, Michele, editor; et al.), Marine Geophysical Researches*, 22(5-6), p. 345-367, illus. incl. sects., geol. sketch map, 30 ref., 2001. DOI: 10.1023/A:1016343431386

**60003184**

**Damuth, John E. (University of Texas at Arlington, Department of Geology, Arlington, TX) and Olson, Hilary Clement.**

Neogene-Quaternary contourite and related deposition on the West Shetland Slope and Faeroe-Shetland Channel revealed by high-resolution seismic studies: *in* Seismic expression of contourites and related deposits (Rebesco, Michele, editor; *et al.*), **Marine Geophysical Researches**, 22(5-6), p. 369-399, illus. incl. 1 table, sects., geol. sketch map, 72 ref., 2001.

DOI: 10.1023/A:1016395515456

**60003185**

**Laberg, Jan Sverre (University of Tromso, Department of Geology, Tromso, Norway); Dahlgren, Torbjorn; Vorren, Tore O.; Haflidason, Haflidi and Bryn, Petter.**

Seismic analyses of Cenozoic contourite drift development in the northern Norwegian Sea: *in* Seismic expression of contourites and related deposits (Rebesco, Michele, editor; *et al.*), **Marine Geophysical Researches**, 22(5-6), p. 401-416, illus. incl. sect., geol. sketch map, 47 ref., 2001.

DOI: 10.1023/A:1016347632294

**60003186**

**Camerlenghi, Angelo (Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Trieste, Italy); Domack, Eugene; Rebesco, Michele; Gilbert, Robert; Ishman, Scott; Leventer, Amy; Brachfeld, Stefanie and Drake, Allison.**

Glacial morphology and post-glacial contourites in northern Prince Gustav Channel (NW Weddell Sea, Antarctica): *in* Seismic expression of contourites and related deposits (Rebesco, Michele, editor; *et al.*), **Marine Geophysical Researches**, 22(5-6), p. 417-443, illus. incl. sects., geol. sketch maps, 62 ref., 2001.

DOI: 10.1023/A:1016399616365

**60003187**

**Michels, Klaus S. (Alfred-Wegener-Institut für Polar- und Meeresforschung, Bremerhaven, Federal Republic of Germany); Rogenhagen, Johannes and Kuhn, Gerhard.**

Recognition of contour-current influence in mixed contourite-turbidite sequences of the western Weddell Sea, Antarctica: *in* Seismic expression of contourites and related deposits (Rebesco, Michele, editor; *et al.*), **Marine Geophysical Researches**, 22(5-6), p. 465-485, illus. incl. sect., geol. sketch map, 51 ref., 2001.

DOI: 10.1023/A:1016303817273

**60003188**

**Scientific Committee on Antarctic Research (SCAR).**

Twenty-seventh Meeting of SCAR, Shanghai, China, 22-26 July 2002: **SCAR Bulletin**, Rep. No. 149, p. 1-13, 2003.

**60003189**

**Convey, P.**

Response of Antarctic terrestrial microarthropods to long-term climate manipulations: **Ecology**, 83(11), p. 3130-3140, illus. incl. tables, 2002.

**60003190**

**Convey, Peter and Wynn-Williams, David D.**

Antarctic soil nematode response to artificial climate amelioration: **European Journal of Soil Biology**, 38(3), p. 255-259, illus. incl. tables, 2002.

**60003191**

**Ojala, Antti E. K., editor (Geological Survey of Finland, Espoo, Finland).**

Quaternary studies in the northern and Arctic regions of Finland: **Special Paper - Geological**

**Survey of Finland**, 40, 130 p., illus. incl. tables, geol. sketch maps, 8 ref., 2005. ISBN:

951-690-930-2. *Meeting*: Quaternary studies in the northern and Arctic regions of Finland, Jan.

13-14, 2005, Kilpisjarvi Biological Station, Finland. Individual papers are cited separately.

**60003192**

**Hirvas, Heikki (Geological Survey of Finland, Espoo, Finland); Lintinen, Petri; Ojala, Antti E. K. and Vanhala, Heikki.**

Geological characteristics of the Halti-Ridnitsohkka region, Enontekio, Finland: *in* Quaternary

studies in the northern and Arctic regions of Finland (Ojala, Antti E. K., editor), **Special Paper -**

**Geological Survey of Finland**, 40, p. 7-12, illus. incl. sketch map, 10 ref., 2005. *Meeting*: Qua-

ternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi

Biological Station, Finland.

**60003193**

**Vanhala, Heikki (Geological Survey of Finland, Espoo, Finland); Suppala, Ilkka; Lintinen, Petri; Hirvas, Heikki and Ojala, Antti E. K.**

Application of electrical and electromagnetic methods in studying frozen ground and bedrock; re-

sults from Ridnitsohkka, northern Finland: *in* Quaternary studies in the northern and Arctic re-

gions of Finland (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40,

p. 13-22, 19 ref., 2005. *Meeting*: Quaternary studies in the northern and Arctic regions of Fin-  
land, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003194**

**Ojala, Antti E. K. (Geological Survey of Finland, Espoo, Finland); Valpola, Samu E.; Hirvas, Heikki; Lintinen, Petri; Vanhala, Heikki and Nenonen, Jari.**

Dating of the Holocene glacier variations in the Halti-Ridnitsohkka region based on distal lacus-

trine sediment cores: *in* Quaternary studies in the northern and Arctic regions of Finland (Ojala,

Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 23-32, illus. incl.

geol. sketch maps, 26 ref., 2005. *Meeting*: Quaternary studies in the northern and Arctic regions  
of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003195**

**Johansson, Peter (Geological Survey of Finland, Rovaniemi, Finland).**

Meltwater canyon lakes (saivos) in western Finnish Lapland: *in* Quaternary studies in the north-

ern and Arctic regions of Finland (Ojala, Antti E. K., editor), **Special Paper - Geological Survey**

**of Finland**, 40, p. 33-39, illus. incl. sketch map, 23 ref., 2005. *Meeting*: Quaternary studies in the

northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003196**

**Koskinen, Riikka (Geological Survey of Finland, Espoo, Finland).**

Glacial hydrology and the deglaciation of the Scandinavian ice sheet in the Paistunturit area of

the Utsjoki region in northern Finnish Lapland: *in* Quaternary studies in the northern and Arctic

regions of Finland (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**,

40, p. 41-51, illus. incl. 1 table, sketch maps, 52 ref., 2005. *Meeting*: Quaternary studies in the

northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003197**

**Sutinen, Raimo (Geological Survey of Finland, Rovaniemi, Finland).**

Timing of early Holocene landslides in Kittila, Finnish Lapland: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 53-58, illus., 16 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003198**

**Sarala, Pertti (Geological Survey of Finland, Rovaniemi, Finland).**

Landform development during the Weichselian glaciation in Perapohjola, Finland: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 59-65, illus. incl. geol. sketch maps, 30 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003199**

**Makinen, Kalevi (Geological Survey of Finland, Rovaniemi, Finland).**

Dating the Weichselian deposits of southwestern Finnish Lapland: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 67-78, illus. incl. 3 tables, sketch map, 55 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003200**

**Seppala, Matti (University of Helsinki, Department of Geography, Helsinki, Finland).**

Dating of palsas: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 79-84, illus. incl. 1 table, 15 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003201**

**Hagberg, Mari (University of Oulu, Department of Geosciences, Oulu, Finland).**

Quantitative analysis of past and present pollen-climate and pollen-vegetation relationships in the northern boreal forest zone of Finnish Lapland, a progress report: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 85-90, illus. incl. 1 table, sketch map, 19 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003202**

**Pitkaranta, Reijo (University of Turku, Department of Geology, Turku, Finland).**

A proposal for formal lithostratigraphical names in the Suupohja region, western Finland: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 91-95, illus. incl. 1 table, sketch map, 24 ref., 2005. *Meeting:* Quaternary studies in the northern and Arctic regions of Finland, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003203**

**Breilin, Olli (Geological Survey of Finland, Espoo, Finland); Kotilainen, Aarno; Nenonen, Keijo and Rasanen, Matti.**

The unique moraine morphology, stratotypes and ongoing geological processes at the Kvarken Archipelago on the land uplift area in the western coast of Finland: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 97-111, illus. incl. geol. sketch maps, 41 ref., 2005. *Meeting: Quaternary studies in the northern and Arctic regions of Finland*, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003204**

**Lehtinen, Anne (Posiva Oy, Olkiluoto, Finland) and Luttinen, Arto.**

Chemical constraints on the influence of subsurface and surface melting on Lake Basen, western Dronning Maud Land, Antarctica: *in Quaternary studies in the northern and Arctic regions of Finland* (Ojala, Antti E. K., editor), **Special Paper - Geological Survey of Finland**, 40, p. 123-130, illus. incl. 1 table, sketch map, 19 ref., 2005. *Meeting: Quaternary studies in the northern and Arctic regions of Finland*, Jan. 13-14, 2005, Kilpisjarvi Biological Station, Finland.

**60003205**

**Walton, David W. H.**

Antarctica's tainted horizons: **The Unesco Courier (Print)**, 5, p. 10-13, illus., 1999.

**60003206**

**Roig Juent, Fidel A. (Universidad Nacional de Cuyo, Laboratorio de Dendrocronología, Argentina).**

Registros dendrocronológicos de maderas del Pleistoceno tardío-Holoceno en América del sur—Tree-ring data from late Pleistocene-Holocene subfossil woods in South America: *in IANIGLA, 30 años de investigación básica y aplicada en ciencias ambientales—IANIGLA, 30 years of basic and applied research on environmental sciences* (Trombotto, Dario T., editor; *et al.*), Instituto Argentino di Nivología, Glaciología y Ciencias Ambientales, Mendoza, Argentina, p. 41-45, (Spanish, English), illus. incl. sketch map, 21 ref., 2002.

**60003236**

**Mader, Matthias.**

Über das süddeutsche Pliozän und Pleistozän in ihren europäischen Zusammenhängen; Teil I, Das Pleistozän [The south German Pliocene and Pleistocene in their European relationships; Part I, Pleistocene]: **Jahreshefte der Gesellschaft für Naturkunde in Württemberg**, 157, p. 43-97 (English, French sum.), illus. incl. sects., geol. sketch maps, 102 ref., December 15, 2001.

**60003237**

**Petrov, V. S., leader (Chitinskii Gosudarstvennyy Tekhnicheskii Universitet, Chita, Russian Federation).**

Merzlotno-gidrogeologicheskii monitoring lineinykh sooruzhenii iuga kriolitozony Rossii [Monitoring of frozen-hydrogeological conditions of linear structures in southern part of Russian cryolithozone]: Rep. No. 02200200788, 101 p., illus. incl. 10 tables, 23 ref., February 4, 2002. Available from: Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyy Tsentr, Moscow, Russian Federation. Final report.

**60003238**

**Danilov, A. I. (Arkticheskii i Antarkticheskii Nauchno-Issledovatel'skii Institut, Saint Petersburg, Russian Federation) and Mironov, E. U., leaders.**

Issledovanie izmenchivosti ledovykh, gidrometeorologicheskikh, litodinamicheskikh, geokriologicheskikh i ekologicheskikh uslovii v ogranichennykh klyuchevykh rayonakh arkticheskikh morei i v lokal'nykh rayonakh osvoenii mineral'nykh resursov na shel'fe Barentseva i Karskogo morei [Studying variability of ice, hydrometeorological, lithodynamical, geocryological, and ecological conditions in limited key regions of Arctic seas and in local regions of mineral resources development on Barents and Kara Sea shelves]: Rep. No. 02200202648, 211 p., illus. incl. 29 tables, 72 ref., March 14, 2002. Available from: Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyy Tsentr, Moscow, Russian Federation. Intermediate report.

**60003239**

**Zubakin, G. K., leader (Arkticheskii i Antarkticheskii Nauchno-Issledovatel'skii Institut, Saint Petersburg, Russian Federation).**

Struktura i dinamika ledovykh obrazovanii v zamerzaiushchikh moryakh Rossii i ikh vozdeistvie na prirodniyu sredu [Structure and dynamics of ice formation in Russian freezing seas and their effect on environment]: Rep. No. 02200202651, 206 p., illus. incl. 15 tables, 115 ref., March 14, 2002. Available from: Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyy Tsentr, Moscow, Russian Federation. Final report.

**60003240**

**Mironov, E. U., leader (Gosudarstvennyy Nauchnyy Tsentr "Arkticheskii i Antarkticheskii Institut", Saint Petersburg, Russian Federation).**

Razrabotka metodov i tekhnologii prognozirovaniia ledovykh, hidrologicheskikh i meteorologicheskikh uslovii dlya lokal'nykh rayonov shel'fa arkticheskikh morei [Developing methods and technologies to predict hydrological and meteorological ice conditions for local regions of Arctic Ocean shelf]: Publisher unknown, Russian Federation, 106 p., illus. incl. 36 tables, 35 ref., March 14, 2002. Final report.

**60003241**

**Izakson, V. Iu. (Rossiiskaia Akademiia Nauk, Sibirskoe Otdelenie, Institut Gornogo Dela Severa, Russian Federation) and Elshin, V. K.**

Otsenka napryazhenno-deformirovannogo sostoianiiia massiva pri nalichii v krovle povtorno-zhil'nogo l'da [Evaluating stress-strain state of massif with reappearing ice veins in roof]: **Kolyma**, 2002(3), p. 20-23, illus., 2 ref., June 2002.

**60003242**

**Glotov, V. E. (Rossiiskaia Akademiia Nauk, Dal'nevostochnoe Otdelenie, Severo-Vostochnyy Kompleksnyy Nauchno-Issledovatel'skii Institut, Magadan, Russian Federation) and Glotova, L. P.**

Kriogenye protsessy v iskusstvennykh nasypyakh na Severo-Vostoche Rossii; zakonomernosti proiavlenii i geoekologicheskaiia znachimost' [Cryogenic processes in man-made embankments in Russian Northeast; regularities of manifestations and ecological importance]: **Kolyma**, 2002(3), p. 44-47, sect., 4 ref., June 2002.

**60003243**

**Bantsekina, T. V. (Otkrytoe Aktsionerno Obshchestvo "Omolonskaia Zolotorudnaia Kompaniia", Russian Federation).**

Temperaturnyy rezhim i dinamika l'distosti krupnooblomochnykh sklonovykh otlozhenii bez zapolnitelya v vesenne-letnee vremya (na primere basseina ruch. Kontaktovyy) [Temperature regime and ice dynamics in large fragmental slope deposits without filler in spring-summer season; Kontaktovyy River basin]: **Kolyma**, 2002(4), p. 9-13, illus., 6 ref., August 2002.

**60003244**

**Elshin, V. K. (Rossiiskaia Akademii Nauk, Sibirskoe Otdelenie, Institut Gornogo Dela Severa, Russian Federation).**

Kharakter deformirovaniia porodnogo massiva v zone statsionarnogo borta ochistnoi vyrabotki; shakhtnye ispytaniia [Features of rock deformation in stationary slope of mine; mining tests]: **Kolyma**, 2002(4), p. 24-26, illus., 1 ref., August 2002.

**60003245**

**Vasil'ev, P. N. (Rossiiskaia Akademii Nauk, Sibirskoe Otdelenie, Institut Gornogo Dela Severa, Russian Federation) and Khokholov, Iu. A.**

Razrabotka svity sblizhennykh plastov uglei v usloviakh mnogoletnei merzloty [Developing adjacent coal seams in permafrost conditions]: **Kolyma**, 2002(4), p. 27-28, illus., 3 ref., August 2002.

**60003246**

**Cook, Kerry H. (Cornell University, Department of Earth and Atmospheric Sciences, Ithaca, NY); Yang, Xiaosong; Carter, Corinne M. and Belcher, Brian N.**

A modeling system for studying climate control on mountain glaciers with application to the Patagonian icefields: **Climatic Change**, 56(3), p. 339-367, illus. incl. 1 table, geol. sketch map, 37 ref., February 2003.

**60003247**

**Baltrenas, P. B. (Vil'nyuosskii Tekhnicheskii Universitet im. Gediminasa, Lithuania) and Kazlauskene, A. A.**

Issledovanie kontsentratsii ionov khlora v vode taiushchego snega na magistrali Vil'nyus-Kaunas-Klaipeda [Chloride ion concentrations in meltwater along the Vilnius-Kaunas-Klaipeda highway]: **Geokologiya (Moskva)**, 2005(1), p. 18-24, illus. incl. 2 tables, 10 ref., February 2005.

**60003248**

**Klimenko, V. V. (Moskovskii Energeticheskii Institut, Laboratoriia Global'nykh Problem Energetiki, Moscow, Russian Federation) and Mikushina, O. V.**

Istoriia i prognoz izmenenii klimata v basseine Barentseva i Karskogo morei [History and prediction of climate change in the basins of the Barents and Kara Seas]: **Geokologiya (Moskva)**, 2005(1), p. 43-49 (English sum.), illus. incl. 3 tables, sketch map, 20 ref., February 2005.

**60003249**

**Zhuravlev, I. I. (Moskovskii Gosudarstvenny Universitet im. M. V. Lomonosova, Moscow, Russian Federation); Motenko, R. G. and Ershov, E. D.**

Formirovanie teplofizicheskikh svoistv merzlykh dispersnykh porod pri ikh zagryaznenii neft'iu i nefteproduktami [Formation of thermophysical properties of frozen unconsolidated soils polluted with crude oil and petroleum products]: **Geoekologija (Moskva)**, 2005(1), p. 50-60, illus., 20 ref., February 2005.

**60003250**

**Shevchenko, L. V. (Moskovskii Gosudarstvenny Universitet im. M. V. Lomonosova, Moscow, Russian Federation) and Vasil'chenko, N. S.**

Vlianie neftezagryazneniya na ekvivalentnoe stseplenie merzlykh gruntov [Influence of petroleum pollutants on the equivalent cohesion of frozen ground]: **Geoekologija (Moskva)**, 2005(1), p. 61-63, illus. incl. table, 11 ref., February 2005.

**60003251**

**Anders, Matt D. (Utah State University, Department of Geology, Logan, UT); Pederson, Joel L.; Rittenour, Tammy M.; Sharp, Warren D.; Gosse, John C.; Karlstrom, Karl E.; Crossey, Laura J.; Goble, Ronald J.; Stockli, Laura J. and Yang, Guang.**

Pleistocene geomorphology and geochronology of eastern Grand Canyon; linkages of landscape components during climate changes: **Quaternary Science Reviews**, 24(23-24), p. 2428-2448, illus. incl. 2 tables, geol. sketch maps, 73 ref., December 2005. Includes appendices; NSF grants EAR-0907065 and EAR-9903126.

**60003252**

**Ponel, Philippe (IMEP-CNRS, Europôle Méditerranéen de l'Arbois, Aix-en-Provence, France); Coope, Russell; Antoine, Pierre; Limondin-Lozouet, Nicole; Leroyer, Chantal; Munaut, André-Valentin; Pastre, Jean-François and Guiter, Frédéric.**

Lateglacial palaeoenvironments and palaeoclimates from Conty and Houdancourt, northern France, reconstructed from beetle remains: **Quaternary Science Reviews**, 24(23-24), p. 2449-2465, illus. incl. strat. cols., geol. sketch maps, 85 ref., December 2005. Includes appendix.

**60003253**

**Giesecke, Thomas (Uppsala University, Department of Earth Sciences, Uppsala, Sweden).** Moving front or population expansion; how did *Picea abies* (L.) Karst. become frequent in central Sweden?: **Quaternary Science Reviews**, 24(23-24), p. 2495-2509, illus. incl. 2 tables, geol. sketch maps, 73 ref., December 2005.

**60003254**

**Massaferro, Julieta (CRUB-University of Comahue, Bariloche, Argentina); Brooks, Stephen J. and Haberle, Simon G.**

The dynamics of chironomid assemblages and vegetation during the late Quaternary at Laguna Facil, Chonos Archipelago, southern Chile: **Quaternary Science Reviews**, 24(23-24), p. 2510-2522, illus. incl. geol. sketch map, 55 ref., December 2005.

**60003255**

**Mavlyudov, B. R. (Rossiiskaia Akademii Nauk, Institut Geografii, Moscow, Russian Federation).**

Lednikovye drenazhnye sistemy [Glacial drainage systems]: **Izvestiia Akademii Nauk, Rossiiskaia Akademii Nauk, Seriia Geograficheskaiia**, 2005(3), p. 38-47 (English sum.), illus. incl. 1 table, 29 ref., June 2005.

**60003256**

**Morgunov, B. A. (Ministerstvo Ekonomicheskogo Razvitiia i Torgovli Rossiiskoi Federatsii, Moscow, Russian Federation).**

Ekologicheskie ograniceniia pri prinyatii strategicheskikh reshenii dlya razvitiia Rossiiskoi Arktiki [Ecological constraints in the decision-making concerning the development of the Russian Arctic]: **Izvestiia Akademii Nauk, Rossiiskaia Akademii Nauk, Seriia Geograficheskaiia**, 2005(4), p. 48-57 (English sum.), 3 ref., August 2005.

**60003257**

**Zolotokrylin, A. N. (Rossiiskaia Akademii Nauk, Institut Geografii, Moscow, Russian Federation); Titkova, T. B. and Vinogradova, V. V.**

Lesotundry na ravninakh Rossii po sputnikovym dannym [Forest-tundra landscapes of the Russian plains; remote sensing]: **Izvestiia Akademii Nauk, Rossiiskaia Akademii Nauk, Seriia Geograficheskaiia**, 2005(4), p. 67-74 (English sum.), illus. incl. 1 table, 22 ref., August 2005.

**60003258**

**Hiscock, Michael Robert.**

The regulation of primary productivity in the Southern Ocean: 156 p., Doctoral, 2004, Duke University, Durham, NC. ISBN: 0-542-19245-4 *Available from:* Univ. Microfilms.

**60003259**

**Peloquin, Jill Andrea.**

Regulation and impact of the phytoplankton assemblage composition in the Southern Ocean: 169 p., Doctoral, 2005, College of William and Mary, Williamsburg, VA. ISBN: 0-542-17392-1  
*Available from:* Univ. Microfilms.

**60003260**

**Hammerschmidt, Chad Robert.**

The biogeochemical cycling of methylmercury in coastal marine sediments: 459 p., Doctoral, 2005, University of Connecticut, Storrs, CT. ISBN: 0-542-20341-3 *Available from:* Univ. Microfilms.

**60003261**

**Antoniades, Dermot M.**

The limnology, diatom autecology, and paleolimnology of lakes and ponds from Alert, Ellesmere Island, Isachsen, Ellef Ringnes Island, and Mould Bay, Prince Patrick Island, Canadian High Arctic: 569 p., Doctoral, 2005, University of Toronto, Toronto, ON, Canada. ISBN: 0-494-02938-2 *Available from:* Univ. Microfilms.

**60003262**

**O'Neal, Michael Aaron.**

Little Ice Age glacier fluctuations in the Cascade Range of Washington and northern Oregon: 116 p., Doctoral, 2005, University of Washington, Seattle, WA. ISBN: 0-542-17730-7 Available from: Univ. Microfilms.

**60003263**

**Beniston, Martin (Université de Fribourg, Département de Géosciences, Fribourg, France).** Les changements climatiques et leurs impacts potentiels [Climate change and its potential impacts]: in Au fil de l'eau (Badertscher, Katia Chardon, compiler), **Bulletin de la Société Neuchâteloise de Géographie**, 48, p. 85-92 (English, German sum.), illus., 2 ref., 2004.

**60003264**

**Piatek, Kathryn B. (West Virginia University, Division of Forestry, Morgantown, WV); Mitchell, Myron J.; Silva, Steven R. and Kendall, Carol.**

Sources of nitrate in snowmelt discharge; evidence from water chemistry and stable isotopes of nitrate: **Water, Air and Soil Pollution**, 165(1-4), p. 13-35, illus. incl. sketch map, 66 ref., July 2005.

**60003265**

**Lee, J. Y. (GeoGreen21 Company, Seoul, South Korea); Choi, J. C.; Yi, M. J.; Kim, J. W.; Cheon, J. Y.; Choi, Y. K.; Choi, M. J. and Lee, K. K.**

Potential groundwater contamination with toxic metals in and around an abandoned Zn mine, Korea: **Water, Air and Soil Pollution**, 165(1-4), p. 167-185, illus. incl. 4 tables, sketch maps, 16 ref., July 2005.

**60003266**

**Strand, L. T. (Agricultural University of Norway, Department of Plant and Environmental Sciences, As, Norway); Abrahamsen, G. and Stuanes, A. O.**

Lysimeter study on the effects of different rain qualities on element fluxes from shallow mountain soils in Southern Norway: **Water, Air and Soil Pollution**, 165(1-4), p. 379-402, illus. incl. 7 tables, 36 ref., July 2005.

**60003267**

**Reinosdotter, Karin (Lulea University of Technology, Division of Sanitary Engineering, Lulea, Sweden) and Viklander, Maria.**

A comparison of snow quality in two Swedish municipalities; Lulea and Sundsvall: **Water, Air and Soil Pollution**, 167(1-4), p. 3-16, illus. incl. 3 tables, 16 ref., October 2005.

**60003268**

**Ramakrishna, Devikarani M. (University of Regina, Faculty of Engineering, Regina, SK, Canada) and Viraraghavan, Thiruvenkatachari.**

Environmental impact of chemical deicers; a review: **Water, Air and Soil Pollution**, 166(1-4), p. 49-63, illus. incl. 1 table, 66 ref., September 2005.

**60003269**

**Sitnikov, N. M. (Tsentral'naia Aerologicheskaiia Observatoriia, Russian Federation); Kiryushov, B. M.; Iushkov, V. A.; Ulanovskii, A. E.; Luk'ianov, A. N.; Khaikin, S. M. and Raven'iani, F.**

Otsenka koefitsienta gorizontal'nogo peremeshivaniia vnutri Antarkticheskogo tsirkumpolyarnogo vikhrya na osnove rezul'tatov izmerenii s borta vysotnogo samoleta M-55 "Geofizika" [Estimate of the horizontal mixing coefficient in the Antarctic polar vortex based on the high altitude measurements performed on board the M-55 aircraft]: **Meteorologiia i Gidrologiia**, 2005(5), p. 27-36 (English sum.), illus., 9 ref., 2005.

**60003270**

**Parshina, L. N.**

Pogoda na territorii Rossiiskoi Federatsii v fevrale 2005 g. [Weather in Russian Federation in February 2005]: **Meteorologiia i Gidrologiia**, 2005(5), p. 101-104, illus., 2005.

**60003271**

**Sidorenkov, N. S. (Gidrometeorologicheskii Nauchno-Issledovatel'skii Tsentr Rossiiskoi Federatsii, Moscow, Russian Federation); Lutsenko, O. V.; Bryazgin, N. N.; Aleksandrov, E. I. and Zakharov, V. G.**

Izmenenie massy lednikovogo shchita Antarktidy i nestabil'nost' vrashcheniiia Zemli [Change of the Antarctic ice sheet mass and Earth's rotation instability]: **Meteorologiia i Gidrologiia**, 2005(8), p. 5-13 (English sum.), illus. incl. 1 table, 10 ref., 2005.

**60003272**

**Egorov, A. G. (Arkticheskii i Antarkticheskii Nauchno-Issledovatel'skii Institut, Saint Petersburg, Russian Federation).**

Izmeneniiia prizemnogo davleniiia vozdukh v Arktike i mnogoletnie osobennosti raspredeleniiia l'dov v arkticheskikh moryakh Rossii v letnii period, obuslovlennye solnechnoi aktivnost'iu [Relations between the solar activity, atmospheric pressure and sea ice distribution in the Russian Arctic seas during summer seasons]: **Meteorologiia i Gidrologiia**, 2005(8), p. 14-24, illus. incl. 2 tables, 15 ref., 2005.

**60003273**

**Losev, S. M. (Arkticheskii i Antarkticheskii Nauchno-Issledovatel'skii Institut, Saint Petersburg, Russian Federation); Gorbunov, Iu. A.; Dyment, L. N. and Sergeeva, I. A.**

Makrodeformatsii ledyanogo pokrova v Arkticheskom basseine [Macro deformations of sea ice in Arctic Ocean]: **Meteorologiia i Gidrologiia**, 2005(8), p. 38-50 (English sum.), illus. incl. 2 tables, 15 ref., 2005.

**60003274**

**Lacourse, Terri.**

Late Quaternary vegetation dynamics of the Queen Charlotte Islands, northern Vancouver Island, and the continental shelf of British Columbia, Canada: 148 p., Doctoral, 2004, Simon Fraser University, Burnaby, BC, Canada. ISBN: 0-494-03141-7 Available from: Univ. Microfilms.

**60003275**

**Zeidler, Antonia.**

Forecasting skier-triggered avalanches in the Columbia Mountains of Canada: 267 p., Doctoral, 2005, University of Calgary, Calgary, AB, Canada. Available from: Univ. Microfilms.

**60003276**

**Forgeron, Dean Paul.**

The combined effects of flexural fatigue cycles and freezing and thawing cycles on the flexural properties of plain and fiber reinforced concrete: 378 p., Doctoral, 2005, Dalhousie University, Halifax, NS, Canada. ISBN: 0-494-02116-0 Available from: Univ. Microfilms.

**60003277**

**Holman, Terence Patrick.**

Small strain behavior of compressible Chicago glacial clay: 233 p., Doctoral, 2005, Northwestern University, Evanston, IL. ISBN: 0-542-17321-2 Available from: Univ. Microfilms.

**60003278**

**Rodríguez Sandoval, Erasmo Alfredo.**

A comparison of three hydrological simulations in a northern environment: 235 p., Doctoral, 2005, University of Waterloo, Waterloo, ON, Canada. ISBN: 0-494-02944-7 Available from: Univ. Microfilms.

**60003279**

**Shaw, George (Imperial College, Department of Environmental Science and Technology, Ascot, United Kingdom); Vicat, K.; Delard, P.; Clennel-Jones, S. and Frearson, I.**

Comparing risks from exposure to radionuclides and other carcinogens at Arctic coal mines: *in Equidosimetry; ecological standardization and equidosimetry for radioecology and environmental geology* (Bréchignac, F., editor; *et al.*), **NATO Security through Science Series. C, Environment Security**, 2, p. 187-196, illus. incl. 4 tables, 10 ref., 2005. *Meeting: NATO advanced research workshop on Ecological standardization and equidosimetry for radioecology and environmental ecology*, April 14-20, 2002, Kiev, Ukraine.

**60003280**

**Bassford, R. P. (University of Bristol, School of Geographical Sciences, Bristol, United Kingdom); Siegert, M. J.; Dowdeswell, J. A.; Oerlemans, J.; Glazovsky, A. F. and Macheret, Y. Y.**

Quantifying the mass balance of ice caps on Severnaya Zemlya, Russian High Arctic; I, Climate and mass balance of the Vavilov ice cap: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 1-12, illus. incl. 1 table, sketch maps, 29 ref., February 2006.

**60003281**

**Bassford, R. P. (University of Bristol, School of Geographical Sciences, Bristol, United Kingdom); Siegert, M. J. and Dowdeswell, J. A.**

Quantifying the mass balance of ice caps on Severnaya Zemlya, Russian High Arctic; II, Modeling the flow of the Vavilov ice cap under the present climate: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 13-20, illus. incl. sketch maps, 20 ref., February 2006.

**60003282**

**Bassford, R. P. (University of Bristol, School of Geographical Sciences, Bristol, United Kingdom); Siegert, M. J. and Dowdeswell, J. A.**

Quantifying the mass balance of ice caps on Severnaya Zemlya, Russian High Arctic; III, Sensitivity of ice caps in Severnaya Zemlya to future climate change: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 21-33, illus. incl. 7 tables, sketch maps, 19 ref., February 2006.

**60003283**

**Brodersen, Craig R. (Wake Forest University, Department of Biology, Winston-Salem, NC); Germino, Matthew J. and Smith, William K.**

Photosynthesis during an episodic drought in *Abies lasiocarpa* and *Picea engelmannii* across an alpine treeline: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 34-41, illus., 30 ref., February 2006.

**60003284**

**Conovitz, Peter A. (Colorado State University, Department of Forest, Rangeland and Watershed Stewardship, Fort Collins, CO); MacDonald, Lee H. and McKnight, Diane M.**

Spatial and temporal active layer dynamics along three glacial meltwater streams in the McMurdo dry valleys, Antarctica: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 42-53, illus. incl. sketch maps, 40 ref., February 2006. NSF Grant OPP-9813061.

**60003285**

**Gliwicz, Joanna (Polish Academy of Sciences, Museum and Institute of Zoology, Warsaw, Poland); Pagacz, Stanislaw and Witczuk, Julia.**

Strategy of food plant selection in the Siberian northern pika, *Ochotona hyperborea*: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 54-59, illus. incl. 1 table, 27 ref., February 2006.

**60003286**

**Gooseff, Michael N. (Colorado School of Mines, Department of Geology and Geological Engineering, Golden, CO); Lyons, W. Berry; McKnight, Diane M.; Vaughn, Bruce H.; Fountain, Andrew G. and Dowling, Carolyn.**

A stable isotopic investigation of a polar desert hydrologic system, McMurdo dry valleys, Antarctica: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 60-71, illus. incl. 4 tables, sketch map, 62 ref., February 2006. NSF grants OPP-9211773 and OPP-9810219.

**60003287**

**Hansen, Eric Steen (University of Copenhagen, Botanical Museum, Copenhagen, Denmark); Dawes, Peter Robert and Thomassen, Bjorn.**

Epilithic lichen communities in High Arctic Greenland; physical, environmental, and geological aspects of their ecology in Inglefield Land (78°-79°N): **Arctic, Antarctic, and Alpine Research**, 38(1), p. 72-81, illus. incl. 2 tables, sketch map, 49 ref., February 2006.

**60003288**

**Haugland, Jake E. (Adams State College, Department of Biology and Earth Sciences, Alamosa, CO).**

Short-term periglacial processes, vegetation succession, and soil development within sorted patterned ground; Jotunheimen, Norway: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 82-89, illus. incl. 4 tables, sketch map, 62 ref., February 2006. NSF Grant BCS-0081295.

**60003289**

**Hejman, M. (Czech University of Agriculture, Department of Ecology and Environment, Prague, Czech Republic); Dvorak, I. J.; Kocanova, M.; Pavlu, V.; Nezerkova, P.; Vitek, O.; Rauch, O. and Jenik, J.**

Snow depth and vegetation pattern in a late-melting snowbed analyzed by GPS and GIS in the giant mountains, Czech Republic: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 90-98, illus. incl. 2 tables, sketch map, 36 ref., February 2006.

**60003290**

**Huelber, Karl (University of Vienna, Department of Conservation Biology, Vienna, Austria); Gottfried, Michael; Pauli, Harald; Reiter, Karl; Winkler, Manuela and Grabherr, Georg.**

Phenological responses of snowbed species to snow removal dates in the Central Alps; implications for climate warming: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 99-103, illus. incl. 2 tables, 44 ref., February 2006.

**60003291**

**Klingbjer, Per (Stockholm Institute of Education, Office of Education and Research, Stockholm, Sweden) and Neidhart, Frank.**

The thinning and retreat of Partegaciaren, northern Sweden, during the twentieth century and its relation to climate: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 104-112, illus. incl. 4 tables, sketch maps, 49 ref., February 2006.

**60003292**

**Körner, Christian (University of Basel, Institute of Botany, Basel, Switzerland) and Hoch, Günter.**

A test of treeline theory on a montane permafrost island: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 113-119, illus., 34 ref., February 2006.

**60003293**

**Muhs, Daniel R. (U. S. Geological Survey, Denver, CO) and Benedict, James B.**

Eolian additions to late Quaternary alpine soils, Indian Peaks Wilderness Area, Colorado Front Range: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 120-130, illus. incl. geol. sketch maps, 73 ref., February 2006.

**60003294**

**Olofsson, Johan (Umea University, Department of Ecology and Environmental Science, Umea, Sweden).**

Plant diversity and resilience to reindeer grazing: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 131-135, illus., 39 ref., February 2006.

**60003295**

**Pohl, S. (National Water Research Institute, Saskatoon, SK, Canada); Marsh, P. and Liston, G. E.**

Spatial-temporal variability in turbulent fluxes during spring snowmelt: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 136-146, illus. incl. 2 tables, 42 ref., February 2006.

**60003296**

**Vaughan, David G. (British Antarctic Survey, Cambridge, United Kingdom).**

Recent trends in melting conditions on the Antarctic Peninsula and their implications for ice-sheet mass balance and sea level: **Arctic, Antarctic, and Alpine Research**, 38(1), p. 147-152, illus. incl. 3 tables, sketch map, 29 ref., February 2006.

**60003297**

**Larsen, S. H. (C-Research, Lincoln, New Zealand); Davies, T. R. H. and McSaveney, M. J.**  
A possible coseismic landslide origin of late Holocene moraines of the Southern Alps, New Zealand: **New Zealand Journal of Geology and Geophysics**, 48(2), p. 311-314, illus. incl. 2 tables, 37 ref., June 2005. Short communication; Institute of Geological and Nuclear Sciences Contribution No. 3400; accessed on May 2, 2006.  
<http://www.rsnz.org/publish/nzjgg/2005/024.pdf>

**60003298**

**Fuglei, Eva (Norwegian Polar Institute, Polar Environmental Centre, Tromso, Norway) and Goldman, Helle V.**

Hanna Marie Resvoll-Holmsen; a pioneer in Svalbard: **Polar Research**, 25(1), p. 1-13, illus., 13 ref., 2006.

**60003299**

**Salvigsen, Otto (University of Oslo, Department of Geosciences, Oslo, Norway) and Hogvard, Kirsti.**

Glacial history, Holocene shoreline displacement and palaeoclimate based on radiocarbon ages in the area of Bockfjorden, north-western Spitsbergen, Svalbard: **Polar Research**, 25(1), p. 15-24, illus. incl. 1 table, sketch map, 53 ref., 2006.

**60003300**

**Abrahamsen, Einar Povl (British Antarctic Survey, Cambridge, United Kingdom); Osterhus, Svein and Gammelsrod, Tor.**

Ice draft and current measurements from the north-western Barents Sea, 1993-96: **Polar Research**, 25(1), p. 25-37, illus. incl. 3 tables, sketch maps, 31 ref., 2006.

**60003301**

**Uchida, Masaki (National Institute of Polar Research, Tokyo, Japan); Nakatubo, Takayuki; Kanda, Hiroshi and Koizumi, Hiroshi.**

Estimation of the annual primary production of the lichen Cetrariella delisei in a glacier foreland in the High Arctic, Ny-Alesund, Svalbard: **Polar Research**, 25(1), p. 39-49, illus. incl. 1 table, 52 ref., 2006.

**60003302**

**Grosse, Guido (Alfred Wegener Institute for Polar and Marine Research, Research Unit Potsdam, Potsdam, Federal Republic of Germany); Schirrmeister, Lutz and Malthus, Timothy J.**

Application of Landsat-7 satellite data and a DEM for the quantification of the thermokarst-affected terrain types in the periglacial Lena-Anabar coastal lowland: **Polar Research**, 25(1), p. 51-67, illus. incl. 4 tables, sketch map, 47 ref., 2006.

**60003303**

**Cafarella, Lili (Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy); Urbini, Stefano; Bianchi, Cesidio; Zirizzotti, Achille; Tabacco, Ignazio E. and Forieri, Alessandro.**  
Five subglacial lakes and one of Antarctica's thickest ice covers newly determined by radio echo sounding over the Vostok-Dome C region: **Polar Research**, 25(1), p. 69-73, illus. incl. 1 table, sketch map, 8 ref., 2006.

**60003304**

**Anonymous.**

Selected papers from the 11th Seoul international symposium on Polar sciences “Patterns and processes in polar oceans and life; signals and responses from molecules to system”: **Ocean and Polar Research**, 27(2), p. 181-235, illus. incl. sect., tables, sketch maps, June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea. Individual papers within scope are cited separately.

**60003305**

**Park, Young-Gyu (KORDI, Ocean Climate and Environment Research Division, Seoul, South Korea); Oh, Kyung-Hee and Suk, Moon-Sik.**

Water masses and flow fields of the Southern Ocean measured by autonomous profiling floats (Argo floats): *in* Selected papers from the 11th Seoul international symposium on Polar sciences “Patterns and processes in polar oceans and life; signals and responses from molecules to system”, **Ocean and Polar Research**, 27(2), p. 183-188, illus. incl. sketch map, 14 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003306**

**Min, Dong-Ha (Pennsylvania State University, Department of Geosciences, University Park, PA) and Keller, Klaus.**

Errors in estimated temporal tracer trends due to changes in the historical observation network; a case study of oxygen trends in the Southern Ocean: *in* Selected papers from the 11th Seoul international symposium on Polar sciences “Patterns and processes in polar oceans and life; signals and responses from molecules to system”, **Ocean and Polar Research**, 27(2), p. 189-195, illus. incl. sect., sketch maps, 27 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003307**

**Kasamatsu, Nobue (Graduate University for Advanced Studies, Hayama, Japan); Odate, Tsuneo and Fukuchi, Mitsu.**

Dimethylsulfide and dimethylsulfoniopropionate production in the Antarctic pelagic food web: *in* Selected papers from the 11th Seoul international symposium on Polar sciences “Patterns and processes in polar oceans and life; signals and responses from molecules to system”, **Ocean and Polar Research**, 27(2), p. 197-203, illus. incl. 1 table, 33 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003308**

**Lee, Sang Hoon (KORDI, Korea Polar Research Institute, Seoul, South Korea); Bidle, Kay; Falkowski, Paul and Marchant, David.**

Genomic DNA extracted from ancient Antarctic glacier ice for molecular analyses on the indigenous microbial communities: *in* Selected papers from the 11th Seoul international symposium on Polar sciences “Patterns and processes in polar oceans and life; signals and responses from molecules to system”, **Ocean and Polar Research**, 27(2), p. 205-214, illus. incl. sketch map, 28 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003309**

**Bowman, John P. (University of Tasmania, School of Agricultural Science, Hobart, Tasmania, Australia); Abell, Guy C. J. and Mancuso Nichols, Carol A.**

Psychrophilic extremophiles from Antarctica; biodiversity and biotechnological potential: *in* Selected papers from the 11th Seoul international symposium on Polar sciences "Patterns and processes in polar oceans and life; signals and responses from molecules to system", **Ocean and Polar Research**, 27(2), p. 221-230, illus. incl. 1 table, 34 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003310**

**Bathmann, Ulrich (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany).**

Ecological and biogeochemical response of Antarctic ecosystems to iron fertilization and implications on global carbon cycle: *in* Selected papers from the 11th Seoul international symposium on Polar sciences "Patterns and processes in polar oceans and life; signals and responses from molecules to system", **Ocean and Polar Research**, 27(2), p. 231-235, illus. incl. sketch map, 27 ref., June 2005. *Meeting:* 11th Seoul international symposium on Polar sciences, Sept. 8-9, 2004, Cheju Island, South Korea.

**60003311**

**Kim, Ji-Eon (Korea Meteorological Administration, Cheorwon Meteorological Observatory, Cheorwon, South Korea); Kwon, Tae-Yong and Lee, Bang Yong.**

Characteristics of sensible heat and latent heat fluxes over the East Sea related with Yeongdong heavy snowfall events: **Ocean and Polar Research**, 27(3), p. 237-250, (Korean) (English sum.), illus., 24 ref., September 2005.

**60003312**

**Joo, Hyoung Min (KORDI, Korea Polar Research Institute, Seoul, South Korea); Lee, Jin Hwan; Chung, Kyung Ho; Kang, Jae Shin and Kang, Sung-Ho.**

Phytoplankton and environmental factors in the southeastern Barents Sea during August 2003: **Ocean and Polar Research**, 27(3), p. 265-276, (Korean) (English sum.), illus. incl. 4 tables, sketch map, 53 ref., September 2005.

**60003313**

**Kim, Seong-Joong (KORDI, Korea Polar Research Institute, Seoul, South Korea) and Lee, Bang Yong.**

Distribution and vertical structures of water masses around the Antarctic continental margin: **Ocean and Polar Research**, 27(3), p. 277-288, illus. incl. sects., 1 table, sketch map, 49 ref., September 2005.

**60003314**

**Lavallée, Stéphane (University of Quebec, Department of Construction Engineering, Montreal, QC, Canada); Brissett, François P.; Leconte, Robert and Larouche, Bruno.**

Monitoring snow-cover depletion by coupling satellite imagery with a distributed snowmelt model: **Journal of Water Resources Planning and Management**, 132(2), p. 71-78, illus. incl. 1 table, sketch map, 24 ref., April 2006.

**60003315**

**McGuire, Marketa (Golder Associates, Redmond, WA); Wood, Andrew W.; Hamlet, Alan F. and Lettenmaier, Dennis P.**

Use of satellite data for streamflow and reservoir storage forecasts in the Snake River basin: **Journal of Water Resources Planning and Management**, 132(2), p. 97-110, illus. incl. block diag., 4 tables, sketch map, 45 ref., April 2006.

**60003316**

**Juvigné, Etienne (Université de Liège, Département de Géographie, Liege, Belgium); Cordy, Jean-Marie; Demoulin, Alain; Geeraerts, Raoul; Hus, Joseph and Renson, Virginie.** Le site archéo-paléontologique de la Belle-Roche (Belgique) dans le cadre de l'évolution géomorphologique de la vallée de l'Amblève inférieure [The archeo-paleontological site of La Belle-Roche (Belgium) within the framework of the geomorphological evolution of the lower Ambleve Valley]: **Geologica Belgica**, 8(1-2), p. 121-133 (English sum.), illus. incl. strat. cols., sect., sketch map, 37 ref., March 2005.

**60003317**

**Konecka-Betley, Krystyna (Warsaw Agricultural University, Division of Soil Science, Warsaw, Poland) and Janowska, Elzbieta.**

Late Glacial and Holocene stratotype profile of palaeosols in the Warsaw Basin: **Studia Quaternaria**, 22, p. 3-16, strat. col., 2 plates, 9 tables, sketch map, 29 ref., 2005.

**60003318**

**Lundberg, Angela (Lulea University of Technology, Lulea, Sweden); Richardson-Naslund, C. and Andersson, C.**

Snow density variations; consequences for ground-penetrating radar: **Hydrological Processes**, 20(7), p. 1483-1495, illus. incl. 4 tables, sketch map, 29 ref., April 30, 2006.

**60003319**

**Stein, Ruediger (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany); Kanamatsu, Toshiya; Alvarez Zarikian, Carlos; Higgins, Sean M.; Channell, Jim E. T.; Aboud, Essam; Ohno, Masao; Acton, Gary D.; Akimoto, Kazumi; Bailey, Ian; Bjorklund, Kjell R.; Evans, Helen; Nielsen, Simon H. H.; Fang, Nianqiao; Ferretti, Patrizia; Gruetzer, Jens; Guyodo, Yohan J. B.; Hagino, Kentaro; Harris, Robert; Hatakeyama, Kentaro; Heftner, Jens; Judge, Shelley A.; Kulhanek, Denise K.; Nanayama, Futoshi; Rashid, Harunur; Sierro Sanchez, Francisco J.; Voelker, Antje and Zhai, Qiumin.**

North Atlantic paleoceanography; the last five million years: **Eos, Transactions, American Geophysical Union**, 87(13), p. 129, 133, illus. incl. geol. sketch map, 11 ref., March 28, 2006.

**60003320**

**Steig, Eric (University of Washington, Earth and Space Sciences, Seattle, WA); Lowell, Thomas V. and Fisher, Timothy G.**

Testing the Lake Agassiz meltwater trigger for the Younger Dryas; discussion and reply: **Eos, Transactions, American Geophysical Union**, 87(13), p. 132, March 28, 2006. For reference to original see Lowell, T. V. et al., EOS, Transactions, American Geophysical Union, Vol. 86, No. 40, p. 365, 372, Oct. 4, 2005.

**60003321**

**Auguste, Patrick (Muséum National d'Histoire Naturelle, Laboratoire de Préhistoire, Paris, France).**

De la taphocénose à la paléobiocénose; reconstitution des paléo-environnements pléistocènes de la France septentrionale à l'aide des mammifères [From taphocenesis to paleobiocenosis; reconstruction of Pleistocene paleoenvironments from northern France with the aid of mammals]: *in* First European palaeontological congress (Gayet, Mireille, compiler; *et al.*), **Géobios, Mémoire Spécial**, 18, p. 9-16 (English sum.), illus. incl. sketch map, 36 ref., 1995. *Meeting:* First European palaeontological congress, July 7-9, 1993, Lyons, France.

**60003322**

**Haas, I. S. (General Electric Company, Philadelphia, PA) and Shapiro, R.**

The Nimbus satellite system; remote sensing R&D platform of the 1970s: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 71-95, illus. incl. 4 tables, 1 ref., 1985.

**60003323**

**Hussey, W. John (NOAA, Washington, DC).**

The economic benefits of operational environmental satellites: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 216-260, 7 tables, 5 ref., 1985.

**60003324**

**Montgomery, D. R. (California Institute of Technology, Jet Propulsion Laboratory, Pasadena, CA).**

Seasat data applications in ocean industries: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 419-439, illus. incl. 2 tables, 9 ref., 1985.

**60003325**

**Duchossois, G. (European Space Agency, Paris, France).**

ERS-1; mission objectives and system description: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 536-553, illus. incl. 4 tables, 1985.

**60003326**

**Langham, Edward J. (Radarsat Project Office, Ottawa, ON, Canada).**

Radarsat enters Phase B: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 554-569, illus. incl. 1 table, sketch maps, 1 ref., 1985.

**60003327**

**Elachi, Charles (California Institute of Technology, Jet Propulsion Laboratory, Pasadena, CA); Cimino, JoBea and Granger, James.**

Remote sensing of the Earth with spaceborne imaging radars: *in* Monitoring Earth's ocean, land, and atmosphere from space; sensors, systems, and applications (Schnapf, Abraham, editor), **Progress in Astronautics and Aeronautics**, 97, p. 639-683, illus. incl. 2 tables, sketch map, 39 ref., 1985.

**60003328**

**Mrugasiewicz, Piotr (Uniwersytetu Wrocławskiego, Instytut Geograficzny, Wrocław, Poland) and Sobik, Mieczysław.**

Morfologiczne i srodowiskowe uwarunkowania pokrywy snieznej w polskiej czesci zlewni Izery [Morphological and environmental controls on snow cover characteristics in the Polish part of the Izera Catchment]: **Studia Geograficzne**, 74, p. 159-172 (English sum.), illus. incl. sketch map, 9 ref., 2000. (Double entry Acta Universitatis Wratislaviensis No. 2269).

**60003363**

**Stein, Ruediger (Alfred Wegener Institute for Polar and Marine Research Columbusstrabe, Bremerhaven, Federal Republic of Germany) and Stepanets, Oleg, editors.**

The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results: **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, 287 p., illus. incl. tables, sketch maps, 162 ref., 2001. Individual papers within scope are cited separately.

**60003364**

**Stein, R. (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany) and Stepanets, O. V.**

Itinerary: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 3-5, sketch map, 2001.

**60003365**

**Stephansev, L. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation) and Shmelkov, B.**

Some peculiarities of the hydrological structure on a meridional section Kara Sea-Yenisei Estuary-Yenisei River: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 6-14, illus. incl. sketch maps, 2001.

**60003366**

**Köhler, H. (Institute of Biogeochemistry and Marine Chemistry, Hamburg, Federal Republic of Germany) and Simstich, J.**

Distribution of surface-water salinity: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 15-17, illus. incl. sketch maps, 2001.

**60003367**

**Simstich, J. (GEOMAR Research Center for Marine Geosciences, Kiel, Federal Republic of Germany).**

Is water from the Rosette Sampler a suitable approximation for bottom water? Comparison of salinity in Rosette and Multi Corer: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 18-20, illus. incl. sketch map, 2001.

**60003368**

**Sukhoruk, V. J. (Russian Academy of Sciences, P. P. Shirshov Institute of Oceanology, Russian Federation); Tokarev, V. G.; Vlasova, L. N.; Shmel'kov, B. S. and Kodina, L. A.**

Nutrient distribution along the Yenisei-Kara Sea transect in September 2000: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 21-28, illus. incl. 1 table, 2001.

**60003369**

**Stein, R. (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany); Dittmers, K.; Ivanova, E.; Kraus, M.; Krivanek, S.; Levitan, M. A.; Matthiessen, J.; Schuster, F.; Simstich, J. and Steinke, T.**

Marine geology: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 76-78, sketch maps, 2001.

**60003370**

**Matthiessen, J. (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany) and Kraus, M.**

Distribution of aquatic palynomorph along the salinity gradient in the Kara Sea: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 107-109, illus. incl. sketch map, 2001.

**60003371**

**Köhler, H. (Institute of Biogeochemistry and Marine Chemistry, Hamburg, Federal Republic of Germany) and Neumann, K.**

Geochemistry of dissolved organic matter (DOM): *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 151-154, sketch map, 2001.

**60003372**

**Stepanets, O. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Ligaev, A.; Borisov, A.; Solovjeva, G.; Kodina, L. A.; Spitz, A. and Köhler, H.**

The influence of dissolved organic matter on the behaviour of several radionuclides in sea and fresh water; preliminary results: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 155-156, 1 table, 2001.

**60003373**

**Kodina, L. A. (Russian Academy of Sciences, V. I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation).**

The carbon isotope composition of phytoplankton along the Ob-Kara Sea Transect in August-September 1999: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 157-160, sketch map, 2001.

**60003374**

**Bogacheva, M. P. (Russian Academy of Sciences, V. I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Kodina, L. A. and Ljutsarev, S. V.**

Particulate organic carbon in river and sea waters; concentration and stable isotope ratio: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 161-163, illus. incl. sketch map, 2001.

**60003375**

**Kodina, L. A. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Tokarev, V. G.; Sukhoruk, V. J.; Vlasova, L. N. and Pribylova, T. N.**

Preliminary results of geochemical investigations of sediment cores along the Yenisei Profile (acoustic units I-II): *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 179-184, illus., 2001.

**60003376**

**Korobeinik, G. S. (Russian Academy of Sciences, V. I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Tokarev, V. G.; Kodina, L. A. and Waisman, T. I.**

Methane and other hydrocarbons in sediment cores along the Yenisei-Kara Sea profile: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 185-188, illus. incl. 1 table, 2001.

**60003377**

**Stepanets, O. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Borisov, A.; Komarevsky, V.; Ligaev, A.; Sisov, E. and Solovjeva, G.**

Radioecological research in the Yenisei and Ob Rivers and adjacent Kara Sea shelf: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 197-204, illus. incl. 2 tables, sketch maps, 2001.

**60003378**

**Stepanets, O. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Borisov, A.; Ligaev, A. and Galimov, E.**  
The investigation of sedimentation rate of the Kara Sea modern sediments using radioactive tracers: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 205-212, illus., 2001.

**60003379**

**Sizov, E. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Stepanets, O.; Komarevsky, V. and Roschina, I.**

The identification of chemical elements in bottom sediments using X-ray fluorescence analysis: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 213-216, 2 tables, sketch maps, 2001.

**60003380**

**Stepanets, O. (Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russian Federation); Solovjeva, G.; Prijmak, S.; Starshinova, N. and Sedjich, E.**

The determination of heavy metals in water samples using sorption method for preconcentration of elements: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 217-219, 1 table, sketch maps, 2001.

**60003381**

**Schoster, F. (Alfred Wegener Institute, Bremerhaven, Federal Republic of Germany) and Beeskow, B.**

Major and minor elements in suspended matter and sediments from the Yenisei River and the southern Kara Sea: *in* The German-Russian Project on Siberian River run-off (SIRRO); scientific cruise report of the Kara-Sea expedition "SIRRO 2000" of RV "Akademik Boris Petrov" and first results (Stein, Ruediger, editor; *et al.*), **Berichte zur Polar- und Meeresforschung = Reports on Polar and Marine Research**, 393, p. 220-235, illus. incl. 2 tables, sketch map, 2001.

**60003382**

**Dean, Walter (U. S. Geological Survey, Denver, CO); Rosenbaum, Joseph; Haskell, Brian; Kelts, Kerry; Schnurrenberger, Douglas; Valero-Garcés, Blas; Cohen, Andrew; Davis, Owen; Dinter, David and Nielson, Dennis.**

Progress in global lake drilling holds potential for global change research: **Eos, Transactions, American Geophysical Union**, 83(9), p. 85, 90-91, illus. incl. geol. sketch map, 7 ref., February 26, 2002.

**60003383**

**Bindschadler, Robert A. (NASA, Goddard Space Flight Center, Greenbelt, MD); Diner, David J. and Rignot, Eric.**

West Antarctic ice sheet releases new iceberg: **Eos, Transactions, American Geophysical Union**, 83(9), p. 85, 93, illus., 7 ref., February 26, 2002.

**60003384**

**Curry, J. A. (University of Colorado, Boulder, CO) and Lynch, A. H.**  
Comparing Arctic regional climate models: **Eos, Transactions, American Geophysical Union**, 83(9), p. 87, geol. sketch map, February 26, 2002.

**60003385**

**Broecker, Wallace S. (Lamont-Doherty Earth Observatory, Palisades, NY).**  
Dust; climate's Rosetta Stone: *in* Papers from the symposium The Earth in A.D. 2000, **Proceedings of the American Philosophical Society**, 146(1), p. 77-80, illus., March 2002. *Meeting: The Earth in A.D. 2000*, Nov. 11, 2000, Philadelphia, PA.  
<http://www.aps-pub.com/proceedings/1461/105.pdf>

**60003386**

**Slagoda, E. A. (Russian Academy of Sciences, Institute of the Earth's Cryosphere, Tyumen, Russian Federation).**  
Cryogenic deformations in Cenozoic deposits of the Baikal Foredeep: **Doklady Earth Sciences**, 393(8), p. 1105-1108, illus. incl. sketch map, 9 ref., November 2003.

**60003387**

**Romanov, Yu. A. (Russian Academy of Sciences, Shirshov Institute of Oceanology, Moscow, Russian Federation) and Romanova, N. A.**  
Concentration of icebergs in the Atlantic sector of the Antarctic region and its seasonal changes: **Doklady Earth Sciences**, 393(8), p. 1146-1150, illus. incl. 2 tables, 15 ref., November 2003.

**60003388**

**Yakupov, V. S. (Russian Academy of Sciences, Institute of Cosmophysical Research and Aeronomy, Merzlotnaya, Russian Federation); Yakupov, M. V. and Yakupov, S. V.**  
Remote sensing determination of boundaries in ice sheets formed by geomagnetic field reversals: **Doklady Earth Sciences**, 393(8), p. 1200-1203, 11 ref., November 2003.

**60003389**

**Jakobsen, Peter Roll (Geological Survey of Denmark and Greenland, Copenhagen, Denmark).**  
GIS based map of glaciotectonic phenomena in Denmark: **Geological Quarterly**, 47(4), p. 331-338, illus., 60 ref., 2003. Accessed on April 21, 2006.  
[http://www.pgi.gov.pl/pdf/gq\\_47\\_4\\_331.pdf](http://www.pgi.gov.pl/pdf/gq_47_4_331.pdf)

**60003390**

**Morawski, Wojciech (Polish Geological Institute, Warsaw, Poland).**  
Reconstruction of ice sheet movement from the orientation of linear glacial landforms and glaciotectonic deformations near Kronowo (western Mazury, Poland): **Geological Quarterly**, 47(4), p. 339-356, illus., 63 ref., 2003.

**60003391**

**Petera, Joanna (University of Lódz, Lódz, Poland) and Forysiak, Jacek.**  
The problem of the last glaciation extent in central Poland: **Geological Quarterly**, 47(4), p. 357-366, illus., 60 ref., 2003. Accessed on April 21, 2006.  
[http://www.pgi.gov.pl/pdf/gq\\_47\\_4\\_357.pdf](http://www.pgi.gov.pl/pdf/gq_47_4_357.pdf)

**60003392**

**Ershov, E. D., chairperson (Moscow State University, Moscow, Russian Federation).**

Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 [Proceedings of the 3rd Russian geocryological conference; Volume 1, Parts 1-3]: Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, 320 p., 2005. ISBN: 5-211-05107-6; 5-211-06059-8. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation. In two volumes; individual papers within scope are cited separately.

**60003393**

**Vlasov, A. N. (Rossiiskaia Akademiia Nauk, Institut Prikladnoi Mekhaniki, Moscow, Russian Federation); Merzlyakov, V. P. and Talonov, A. V.**

Rezhelyatsionnyy mekhanizm "fil'tratsionnoi konsolidatsii" merzlykh gruntov [Mechanism of frozen ground consolidation caused by filtration]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 17-23 (English sum.), illus., 6 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003394**

**Volokhov, S. S. (Moskovskii Gosudarstvennyy Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation).**

Kharakter razrushenia merzlykh glinstykh gruntov pri sdvige [Destruction of frozen claei ground caused by shear stress]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 27-32 (English sum.), illus. incl. 2 tables, 2 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003395**

**Grechishchev, S. E. (Rossiiskaia Akademiia Nauk, Sibirskoe Otdelenie, Institut Kriosfery Zemli, Tyumen, Russian Federation); Pavlov, A. V. and Grechishcheva, O. V.**

Zakonomernosti formirovaniia perekhlazhdeniia porovoi vlagi pri ob'emnom zamerzaniii dispersnykh gruntov [Pore water supercooling in frozen unconsolidated ground]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 38-45 (English sum.), illus. incl. 2 tables, 5 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003396**

**Ershov, E. D. (Moskovskii Gosudarstvennyy Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation); Zykov, Iu. D.; Chuvilin, E. M.; Motenko, R. G.; Roman, L. T.; Shevchenko, L. V.; Zhuravlev, I. I.; Anisimova, I. V.; Kozlova, E. V.; Nefed'eva, Iu. A.; Volochev, S. S. and Miklyaeva, E. S.**

Proniknenie nefti v merzlye grunty i izmenenie ikh svoistv [Crude oil infiltration in frozen soils and transformation of their properties caused by pollution]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 45-52 (English sum.), 16 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003397**

**Zykov, Iu. D. (Moskovskii Gosudarstvennyy Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation); Motenko, R. G.; Anisimova, I. V.; Nefed'eva, Iu. A.; Kiryukhina, T. A. and Natitnik, I. M.**

Preobrazovanie nefti v porodakh i ego vliyanie na teplofizicheskie i akusticheskie svoistva merzlykh gruntov [Transformation of crude oil in frozen grounds and its thermal and acoustic properties]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 52-59 (English sum.), illus., 7 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003398**

**Konovalov, A. A. (Rossiiskaia Akademia Nauk, Sibirskoe Otdelenie, Institut Problem Osvoeniia Severa, Iakutsk, Russian Federation).**

K voprosu o edinoi modeli merzlogo grunta [Uniform model of frozen ground]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 60-66 (English sum.), illus., 6 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003399**

**Lavrov, S. A. (Gosudarstvennyy Gidrologicheskii Institut, Moscow, Russian Federation) and Kalyuzhnyy, I. L.**

Matematicheskoe modelirovaniye protsessov teplo- i massoperenosa v merzlykh pochvakh pri ikh vzaimodeistviyu s rastvorami solei [Mathematical modeling of heat and mass transfer in frozen grounds interacting with brines]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 71-77 (English sum.), 3 tables, 6 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003400**

**Ostromov, V. E. (Rossiiskaia Akademia Nauk, Institut Fiziko-Khimicheskikh i Biologicheskikh Problem Pochvovedeniia, Moscow, Russian Federation) and Ostromova, N. V.**

Raspredelenie ionov pri segregatsionnom l'doobrazovanii i osobennosti dielektricheskikh svoistv merzlykh gruntov [Ion distribution during freezing and dielectric properties of frozen grounds]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 78-83 (English sum.), illus., 8 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003401**

**Roman, L. T. (Moskovskii Gosudarstvennyy Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation) and Aksenov, V. A.**

Formirovaniye prochnostnykh svoistv merzlykh zasolennykh gruntov v protsesse promerzaniia [Influence of freezing on strength of frozen saline grounds]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 96-103 (English sum.), illus. incl. 2 tables, 10 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003402**

**Cheverev, V. G. (Moskovskii Gosudarstvenny Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation); Vidyapin, I. Ia.; Motenko, R. G. and Kondakov, M. V.**

Metod opredeleniiia soderzhaniia nezamerzshei vody v merzlykh gruntakh po isotermam desorbsii [Estimate of pore water content in frozen ground based on isotherms of desorption]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 125-131 (English sum.), illus., 7 ref., 2005. *Meeting:* Tret'ia konferentsiia geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003403**

**Balobaev, V. T. (Rossiiskaia Akademiiia Nauk, Sibirskoe Otdelenie, Institut Merzlotovedeniia, Iakutsk, Russian Federation).**

Novye aspeky v teorii formirovaniia ledovogo kompleksa arkticheskikh nizmennostei [New aspects in hypothesis of glaciation in Arctic lowlands]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 138-145 (English sum.), illus. incl. 3 tables, 7 ref., 2005. *Meeting:* Tret'ia konferentsiia geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003404**

**Bogatyrev, L. G. (Moskovskii Gosudarstvenny Universitet, Moscow, Russian Federation) and Matyshak, G. V.**

Ob elementakh evolyutsii gidromorfnykh pochv v usloviakh kriogeneza [Aspects of marsh evolution in permafrost zone]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 145-150 (English sum.), illus., 2005. *Meeting:* Tret'ia konferentsiia geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003405**

**Velichko, A. A. (Rossiiskaia Akademiiia Nauk, Institut Geografii, Moscow, Russian Federation); Konishchev, V. N.; Nechaev, V. P. and Rogov, V. V.**

Pozdnepleistotsenovoia lessovo-pochvenno-kriogenaiia formatsiia tsentra Vostochno-Europeiskoi ravniny (na primere razrezov Suvorotino i Gololobovo) [Upper Pleistocene cryogenic loess formation in Eastern European Plain; examples from the Suvorotino and Gololobovo sections]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 151-155 (English sum.), 5 ref., 2005. *Meeting:* Tret'ia konferentsiia geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003406**

**Gorbunov, A. P. (Rossiiskaia Akademiiia Nauk, Sibirskoe Otdelenie, Institut Merzlotovedeniia, Iakutsk, Russian Federation) and Severskii, E. V.**

Kriogenez v krupnooblomochnykh otlozheniakh v gorakh Tsentral'noi Azii [Cryogenesis of coarse clastic sediments in mountainous Central Asia]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 155-161, illus. incl. table, 14 ref., 2005. *Meeting:* Tret'ia konferentsiia geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003407**

**Kotov, A. N. (Rossiiskaia Akademiiia Nauk, Dal'nevostochnoe Otdelenie, Severo-Vostochnyy Kompleksnyy Nauchno-Issledovatel'skii Institut, Chukotskii Filial, Anadyr, Russian Federation).**

Sravnitel'nyy analiz sostava i stroeniiia plastovykh ledyanykh zalezhei Chukotki [Composition and structure of ice sheets in Chukchi]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 168-175, illus. incl. sketch map, 13 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003408**

**Maksimovich, S. V. (Rossiiskaia Akademiiia Nauk, Institut Fiziko-Khimicheskikh i Biologicheskikh Problem Pochvovedeniia, Pushchino, Russian Federation); Gubin, S. V. and Zanina, O. G.**

Iavlyaiutsya li reliktovymi stepnye kompleksy merzlotnykh oblastei krainego severo-vostoka Azii? [Are there signs of steppe paleoenvironment in permafrost of northeastern Asia?]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 175-182 (English sum.), 4 tables, 5 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003409**

**Maslov, A. D. (Ukhtinskii Gosudarstvennyy Tekhnicheskii Universitet, Ukhta, Russian Federation).**

Usloviia formirovaniia merzlykh otlozhenii na Arkticheskom shel'fe [Formation of permafrost on the Polar Continental Shelf]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 182-188 (English sum.), illus. incl. table, 9 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003410**

**Mudrov, Iu. V. (Moskovskii Gosudarstvennyy Universitet, Moscow, Russian Federation).**

Spetsifika kriomorfogeneza na Bol'shom Kavkaze (Priel'brus'e) i Malom Kavkaze (massiv Aragats) [Frost action and geomorphology of Greater Caucasus (Elbrus), and Lesser Caucasus (Aragats)]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 189-194 (English sum.), 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003411**

**Opokina, O. L. (Rossiiskaia Akademiiia Nauk, Sibirskoe Otdelenie, Institut Kriosfery Zemli, Tyumen, Russian Federation) and Sorokina, N. V.**

Paleokriogennye obrazovaniia v pleistotsenovykh otlozheniakh opornogo razreza "Chembakchino" nizhnego techeniiia Irtysha [Paleocryogenic Pleistocene deposits in a Chembakchino-type section, lower Irtysh River basin]: *in* Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3 (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 194-200 (English sum.), table, sect., sketch maps, 6 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003412**

**Ugarov, I. S. (Rossiiskaia Akademii Nauk, Sibirskoe Otdelenie, Institut Merzlotovedeniia, Iakutsk, Russian Federation).**

Fiziko-mekhanicheskie svoistva merzlotnoi lugovo-chernozemnoi pochvy Tsentral'noi Iakutii [Physical properties of the Chernozem permafrost meadow in central Iakutia]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 200-206 (English sum.), 8 tables, 11 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003413**

**Sheinkman, V. S. (Tomskii Gosudarstvennyy Universitet, Tomsk, Russian Federation) and Krivonogov, S. K.**

Osobennosti pozdnepleistotsenovogo kriogeneza v Mongolii i na Altai [Permafrost in Mongolia and Altai during late Pleistocene]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 206-213 (English sum.), illus., 18 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003414**

**Shesternev, D. M. (Rossiiskaia Akademii Nauk, Sibirskoe Otdelenie, Institut Prirodnykh Resursov, Ekologii i Kriologii, Chita, Russian Federation) and Zaitsev, V. N.**

Kriopetrogenez skal'nykh porod kriolitozony [Frost action and crystalline rocks in permafrost zone]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 213-219 (English sum.), illus., 21 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003415**

**Brushkov, A. (Hokkaido University, Research Center for North Eurasia and North Pacific Regions, Sapporo, Japan) and Fukuda, M.**

Metanoobrazovanie i metan v merzlykh porodakh [Methane production and content in permafrost]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 226-232 (English sum.), illus. incl. 4 tables, 12 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003416**

**Maslov, A. D. (Ukhtinskii Gosudarstvennyy Tekhnicheskii Universitet, Ukhta, Russian Federation) and Vasil'eva, Z. A.**

O razrabotke kompleksa priznakov nalichiiia gazogidratov v kriolitozone [Indicators of gas hydrates in permafrost]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 263-270 (English sum.), illus., 6 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003417**

**Perlova, E. V. (Vserossiiskii Nauchno-Issledovatel'skii Institut Prirodnykh Gazov i Gazovykh Tekhnologii, Moscow, Russian Federation); Makhonina, N. A. and Iakushev, V. S.**

Gazy i gazogidraty v nadproduktivnykh tolshchakh severnykh mestorozhdenii [Natural gas and gas hydrates in the permafrost of northern oil and gas fields]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 270-276 (English sum.), table, 7 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003418**

**Kholodov, A. L. (Rossiiskaia Akademia Nauk, Institut Fiziko-Khimicheskikh i Biologicheskikh Problem Pochvovedeniia, Pushchino, Russian Federation); Rivkina, E. M.; Shirshova, L. T. and Gostev, E. V.**

Osobennosti organicheskogo veshchestva v razlichnykh merzlotno-geneticheskikh tipakh chetvertichnykh otlozhenii poberezh'ia morya Laptevykh [Organic compounds in various types of Quaternary permafrost sediments at Laptev Sea coast]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 281-286 (English sum.), illus. incl. table, 7 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003419**

**Chuvalin, E. M. (Moskovskii Gosudarstvenny Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation); Kozlova, E. V.; Kudashov, V. A. and Petrakova, S. Iu.**

Otsenka metastabil'nosti merzlykh gideratosoderzhashchikh porod [Stability of gas hydrates in frozen sediments]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 292-300 (English sum.), illus. incl. 2 tables, 17 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003420**

**Chuvalin, E. M. (Moskovskii Gosudarstvenny Universitet, Geologicheskii Fakul'tet, Moscow, Russian Federation); Kozlova, E. V.; Skolotneva, T. S. and Tkachev, E. I.**

Issledovanie gideratonakoplenii v promerzaiushchikh metanonasyshchennykh porodakh [Gas hydrate accumulation in methane-saturated permafrost]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 300-307 (English sum.), illus. incl. 2 tables, 8 ref., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003421**

**Brovka, A. G. (National Academy of Sciences of Belarus, Institute of Natural Resources and Ecology, Minsk, Belarus); Brovka, G. P.; Dedyulya, I. V. and Romanenko, I. I.**

Kompleks priborov dlya opredelenii fazovogo sostava vody i teplofizicheskikh kharakteristik merzlykh gruntov [Instruments used for analysis of water-ice relations and thermal properties of frozen grounds]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 5-11 (English sum.), illus., 2005. *Meeting: Tret'ia konferentsiya geokriologov Rossii*, June 1-3, 2005, Moscow, Russian Federation.

**60003422**

**Brovka, G. P. (National Academy of Sciences of Belarus, Institute of Natural Resources and Ecology, Minsk, Belarus) and Agutin, K. A.**

Komp'iuternoe modelirovanie vzaimosvyazannykh protsessov teplo- i massoperenosa i kriogenного pucheniia v zasolennykh gruntakh [Numerical modeling of heat and mass transfer in frozen and heaving grounds of saline composition]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 11-17 (English sum.), illus., 5 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003423**

**Volokhov, S. S. (Moscow State University, Department of Geocryology, Moscow, Russian Federation).**

Opredelenie prochnosti smerzaniia merzlogo grunta s materialami truboprovoda [Analysis of strength freezing of frozen ground with pipeline materials]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 24-27 (English sum.), table, 12 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003424**

**Gavril'ev, R. I. (Russian Academy of Sciences, Siberian Branch, Melnikov Permafrost Institute, Iakutsk, Russian Federation).**

Otsenka teplofizicheskikh svoistv nasypnykh inzhenernykh sooruzhenii iz krupnooblomochnogo materiala [Thermal properties of landfills made of coarse-grained clastic materials]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 32-37 (English sum.), illus., 3 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003425**

**Kravtsova, O. N. (Russian Academy of Sciences, Siberian Branch, Institute of Physical and Technical Problems of the North, Iakutsk, Russian Federation); Malyshev, A. V.; Starostin, E. G.; Stepanov, A. V. and Timofeev, A. M.**

Vliyanie zagryaznenii nefteproduktami na fazovyy sostav vody v gruntakh [Influence of oil spills on the phase state of water in frozen grounds]: *in Materialy Tret'ei konferentsii geokriologov Rossii; Tom 1, Chast' 1-3* (Ershov, E. D., chairperson), Izdatel'stvo Moskovskogo Gosudarstvennogo Universiteta, Moscow, Russian Federation, p. 66-71 (English sum.), illus. incl. table, 9 ref., 2005. *Meeting:* Tret'ia konferentsiya geokriologov Rossii, June 1-3, 2005, Moscow, Russian Federation.

**60003426**

**Milly, P. C. D. (U. S. Geological Survey, Geophysical Fluid Dynamics Laboratory, Princeton, NJ); Cazenave, A. and Gennero, M. C.**

Contribution of climate-driven change in continental water storage to recent sea-level rise: **Proceedings of the National Academy of Sciences of the United States of America**, 100(23), p. 13158-13161, illus., 19 ref., November 11, 2003.

**60003427**

**Lang, Herbert (ETH-Z Institute for Atmospheric and Climate Science, Zurich, Switzerland) and Kaser, Georg, editors.**

Mountain hydrology and water resources: **Journal of Hydrology**, 282(1-4), p. 1-181, illus. incl. tables, November 10, 2003. Individual papers are cited separately.

**60003428**

**Chalise, Suresh R. (International Centre for Integrated Mountain Development, Kathmandu, Nepal); Kansakar, Sunil R.; Rees, Gwyn; Croker, Karen and Zaidman, Maxine.**

Management of water resources and low flow estimation for the Himalayan basins of Nepal: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 25-35, illus. incl. 2 tables, sketch maps, 25 ref., November 10, 2003.

**60003429**

**Verbunt, M. (Swiss Federal Institute of Technology (ETH), Institute for Atmospheric and Climate Science, Zurich, Switzerland); Gurtz, J.; Jasper, K.; Lang, H.; Warmerdam, P. and Zappa, M.**

The hydrological role of snow and glaciers in alpine river basins and their distributed modeling: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 36-55, illus. incl. 3 tables, sketch maps, 28 ref., November 10, 2003.

**60003430**

**Hay, L. E. (U. S. Geological Survey, Denver, CO) and Clark, M. P.**

Use of statistically and dynamically downscaled atmospheric model output for hydrologic simulations in three mountainous basins in the western United States: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 56-75, illus. incl. 3 tables, sketch maps, 25 ref., November 10, 2003.

**60003431**

**Fierz, C. (WSL Swiss Federal Institute for Snow and Avalanche Research SLF, Davos, Switzerland); Riber, P.; Adams, E. E.; Curran, A. R.; Föhn, P. M. B.; Lehning, M. and Plüss, C.**

Evaluation of snow-surface energy balance models in alpine terrain: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 76-94, illus. incl. 2 tables, sketch map, 24 ref., November 10, 2003.

**60003432**

**Kuhn, M. (University of Innsbruck, Institute of Meteorology and Geophysics, Innsbruck, Austria).**

Redistribution of snow and glacier mass balance from a hydrometeorological model: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 95-103, 6 tables, 17 ref., November 10, 2003.

**60003433**

**Hock, Regine (Stockholm University, Department of Physical Geography and Quaternary Geology, Stockholm, Sweden).**

Temperature index melt modelling in mountain areas: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 104-115, illus. incl. 2 tables, 71 ref., November 10, 2003.

**60003434**

**Jansson, Peter (Stockholm University, Department of Physical Geography and Quaternary Geology, Stockholm, Sweden); Hock, Regine and Schneider, Thomas.**

The concept of glacier storage; a review: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 116-129, illus. incl. sketch maps, 112 ref., November 10, 2003.

**60003435**

**Kaser, Georg (Institut für Geographie, Innsbruck, Austria); Juen, Irmgard; Georges, Christian; Gómez, Jesús and Tamayo, William.**

The impact of glaciers on the runoff and the reconstruction of mass balance history from hydrological data in the tropical Cordillera Blanca, Perú: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 130-144, illus. incl. 2 tables, sketch maps, 28 ref., November 10, 2003.

**60003436**

**Schneeberger, Christian (Swiss Federal Institute of Technology, Institute for Atmospheric and Climate Science, Zurich, Switzerland); Blatter, Heinz; Abe-Ouchi, Ayako and Wild, Martin.**

Modelling changes in the mass balance of glaciers of the Northern Hemisphere for a transient  $2\times\text{CO}_2$  scenario: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 145-163, illus. incl. 4 tables, sketch map, 62 ref., November 10, 2003.

**60003437**

**Dyurgerov, Mark (Colorado University at Boulder, Institute of Arctic and Alpine Research, Boulder, CO).**

Mountain and subpolar glaciers show an increase in sensitivity to climate warming and intensification of the water cycle: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 164-176, illus. incl. sketch map, 30 ref., November 10, 2003.

**60003438**

**Barry, Roger G. (University of Colorado, NSIDC/CIRES, Boulder, CO).**

Mountain cryospheric studies and the WCRP CLimate and Cryosphere (CliC) Project: *in* Mountain hydrology and water resources (Lang, Herbert, editor; *et al.*), **Journal of Hydrology**, 282(1-4), p. 177-181, 21 ref., November 10, 2003.

**60003439**

**Sprovieri, Francesca (CNR, Institute for Atmospheric Pollution, Division of Rende, Rende, Italy) and Pirrone, Nicola.**

Mercury pollution in the Arctic and Antarctic regions: *in* Dynamics of mercury pollution on regional and global scales; atmospheric processes and human exposures around the world (Pirrone, Nicola, editor; *et al.*), Springer Science and Business Media, New York, NY, p. 679-706, illus. incl. sketch maps, 56 ref., 2005.

**60003440**

**Lowell, Thomas V.** (University of Cincinnati, Cincinnati, OH); Waterson, Nicholas; Fisher, Timothy G.; Loope, Henry; Glover, Katherine; Comer, Gary C.; Hajdas, Irka; Denton, George; Schaefer, Joerg M.; Rinterknecht, Vincent; Broecker, Wallace S. and Teller, James T.

Testing the Lake Agassiz meltwater trigger for the Younger Dryas: **Eos, Transactions, American Geophysical Union**, 86(40), p. 365, 372, illus. incl. geol. sketch map, 5 ref., October 4, 2005.

**60003441**

**Proshutinsky, A.** (Woods Hole Oceanographic Institution, Woods Hole, MA); Yang, J.; Krishfield, R.; Gerdes, R.; Karcher, M.; Kauker, F.; Koeberle, C.; Hakkinen, S.; Hibler, W.; Holland, D.; Maqueda, M.; Holloway, G.; Hunke, E.; Maslowski, W.; Steele, M. and Zhang, J.

Arctic ocean study; synthesis of model results and observations: **Eos, Transactions, American Geophysical Union**, 86(40), p. 368, 371, illus. incl. sketch map, October 4, 2005.

**60003442**

**Walder, Joseph S.** (U. S. Geological Survey, Cascades Volcano Observatory, Vancouver, WA); LaHusen, Richard G.; Vallance, James W. and Schilling, Steve P.

Crater glaciers on active volcanoes; hydrological anomalies: **Eos, Transactions, American Geophysical Union**, 86(50), p. 521, 528, illus. incl. geol. sketch map, 12 ref., December 13, 2005.

**60003443**

**Zielinski, Sarah** (EOS, Washington, DC).

Long-term bird study records Arctic climate change: **Eos, Transactions, American Geophysical Union**, 86(50), p. 522, December 13, 2005.

**60003444**

**Darby, Dennis A.** (Old Dominion University, Norfolk, VA); Jakobsson, Martin and Polyak, Leonid.

Icebreaker expedition collects key Arctic seafloor and ice data: **Eos, Transactions, American Geophysical Union**, 86(52), p. 549, 552, illus. incl. sect., geol. sketch map, 5 ref., December 27, 2005.

**60003445**

**Evin, Jacques** (Université de Lyon, Centre de Datation par le Radiocarbone, Miribel, France).

Après un siècle, enfin des datations précises pour la préhistoire française et la dernière avancée glaciaire [After a century, finally precise dating for French prehistory and the last ice advance]: *in 150 ans de préhistoire autour de Lyon* (Evin, Jacques; *et al.*), **Cahiers Scientifiques - Centre de Conservation et d'études des collections. Hors Série**, 2005(3), p. 33-41 (English sum.), illus. incl. 2 tables, sketch map, 17 ref., 2005.

**60003446**

**Han, S. J.** (University of Maryland, Department of Civil Engineering, College Park, MD) and Goodings, D. J.

Practical model of frost heave in clay: **Journal of Geotechnical and Geoenvironmental Engineering**, 132(1), p. 92-101, illus. incl. 4 tables, 17 ref., January 2006.

**60003447**

**Duguay, Claude R. (University of Alaska, Geophysical Institute, Fairbanks, AK) and Pietroniro, Alain, editors.**

Remote sensing in northern hydrology; measuring environmental change: **Geophysical Monograph**, 163, 160 p., illus. incl. tables, sketch maps, 2005. ISBN: 0-87590-428-3; 0-87590-428-9. Individual papers within scope are cited separately.

**60003448**

**Scherer, Dieter (Berlin University of Technology, Department of Climatology, Berlin, Federal Republic of Germany); Hall, Dorothy K.; Hochschild, Volker; König, Max; Winther, Jan-Gunnar; Duguay, Claude R.; Pivot, Frédérique; Mätzler, Christian; Rau, Frank; Seidel, Klaus; Solberg, Rune and Walker, Anne E.**

Remote sensing of snow cover: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 7-38, illus. incl. 1 table, sketch map, 263 ref., 2005.

**60003449**

**Winther, Jan-Gunnar (Norwegian Polar Institute, Tromso, Norway); Bindschadler, Robert A.; König, Max and Scherer, Dieter.**

Remote sensing of glaciers and ice sheets: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 39-61, illus. incl. 2 tables, sketch maps, 168 ref., 2005.

**60003450**

**Jeffries, Martin O. (University of Alaska, Geophysical Institute, Fairbanks, AK); Morris, Kim and Kozlenko, Nickolai.**

Ice characteristics and processes, and remote sensing of frozen rivers and lakes: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 63-90, illus., 172 ref., 2005. NSF Grant OPP-0117645.

**60003451**

**Duguay, Claude R. (University of Alaska at Fairbanks, Geophysical Institute, Fairbanks, AK); Zhang, Tingjun; Leverington, David W. and Romanovsky, Vladimir E.**

Satellite remote sensing of permafrost and seasonally frozen ground: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 91-118, illus. incl. 8 plates, 1 table, sketch maps, 105 ref., 2005.

**60003452**

**Pietroniro, Alain (National Water Research Institute, Saskatoon, SK, Canada); Toyra, Jessika; Leconte, Robert and Kite, Geoff.**

Remote sensing of surface water and soil moisture: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 119-142, illus. incl. 3 tables, 141 ref., 2005.

**60003453**

**Granger, Raoul (National Water Research Institute, Saskatoon, SK, Canada) and Bussières, Normand.**

Evaporation/evapotranspiration estimates with remote sensing: *in* Remote sensing in northern hydrology; measuring environmental change (Duguay, Claude R., editor; *et al.*), **Geophysical Monograph**, 163, p. 143-154, illus., 55 ref., 2005.

**60003454**

**Sigmundsson, Freysteinn (University of Iceland, Institute of Earth Sciences, Reykjavik, Iceland).**

Iceland geodynamics; crustal deformation and divergent plate tectonics: Praxis Publishing, Chichester, United Kingdom, Springer-Verlag, Berlin, 209 p., illus. incl. geol. sketch map, sect., 5 tables, block diag., 351 ref., 2006. ISBN: 3-540-24165-5. Includes appendices.

**60003455**

**Arppe, Laura M. (University of Helsinki, Department of Geology, Helsinki, Finland) and Karhu, Juha A.**

Implications for the late Pleistocene climate in Finland and adjacent areas from the isotopic composition of mammoth skeletal remains: **Palaeogeography, Palaeoclimatology, Palaeoecology**, 231(3-4), p. 322-330, illus. incl. 2 tables, sketch map, 45 ref., February 28, 2006.

**60003456**

**Boutron, Claude F. (CNRS/UJF, Laboratoire de Glaciologie et Géophysique de l'Environnement, Saint Martin d'Heres, France) and Carlo, Barbante.**

Man-induced changes of palladium in polar and alpine snow and ice archives: *in* Palladium emissions in the environment; analytical methods, environmental assessment and health effects (Zereini, Fathi, editor; *et al.*), Springer Berlin Heidelberg, New York, NY, p. 355-367, illus., 36 ref., 2006.

**60003457**

**Moldovan, Mariella (Université de Pau et des Pays de l'Adour, Pau, France); Veschambre, Sophie; Amouroux, David and Donard, Olivier.**

Palladium in a mountain ecosystem (Aspe Valley, Pyrenees, France): *in* Palladium emissions in the environment; analytical methods, environmental assessment and health effects (Zereini, Fathi, editor; *et al.*), Springer Berlin Heidelberg, New York, NY, p. 369-380, illus. incl. 1 table, 23 ref., 2006.

**60003458**

**Stöckli, Reto (Federal Institute of Technology, Institute for Atmospheric and Climate Science, Zurich, Switzerland); Vermote, Eric; Saleous, Nazmi; Simmon, Robert and Herring, David.**

True color Earth data set includes seasonal dynamics: **Eos, Transactions, American Geophysical Union**, 87(5), p. 49, 55, illus. incl. sketch map, 5 ref., January 31, 2006.

**60003459**

**Damiani, Damiano (University of Siena, Museo Nazionale dell'Antartide, Siena, Italy); Giorgetti, Giovanna and Turbanti, Isabella Memmi.**

Clay mineral fluctuations and surface textural analysis of quartz grains in Pliocene-Quaternary marine sediments from Wilkes Land continental rise (East-Antarctica); paleoenvironmental significance: **Marine Geology**, 226(3-4), p. 281-295, illus. incl. 6 tables, sketch maps, 65 ref., February 28, 2006.

**60003460**

**Carter, Lionel (National Institute of Water and Atmosphere, Wellington, New Zealand) and Manighetti, Barbara.**

Glacial/interglacial control of terrigenous and biogenic fluxes in the deep ocean off a high input, collisional margin; a 139 kyr-record from New Zealand: **Marine Geology**, 226(3-4), p. 307-322, illus. incl. sketch map, 88 ref., February 28, 2006.

**60003461**

**Turcotte, Richard (Centre d'Expertise Hydrique du Québec, Quebec, QC, Canada); Favre, Anne-Catherine; Lacombe, Pierre; Poirier, Charles and Villeneuve, Jean-Pierre.**

Estimation des débits sous glace dans le sud du Québec; comparaison de modèles neuronal et déterministe [Estimation of streamflows under ice cover in southern Quebec; comparison of neural and deterministic models]: **Canadian Journal of Civil Engineering = Revue Canadienne de Génie Civil**, 32(6), p. 1039-1050 (English sum.), illus. incl. 10 tables, sketch map, 19 ref., December 2005.

**60003462**

**Sowers, Todd (Pennsylvania State University, Department of Geosciences and the Earth, University Park, PA).**

Late Quaternary atmospheric CH<sub>4</sub> isotope record suggests marine clathrates are stable: **Science**, 311(5762), p. 838-840, illus. incl. 1 table, 31 ref., February 10, 2006.

**60003463**

**Osborn, Timothy J. (University of East Anglia, Climatic Research Unit, Norwich, United Kingdom) and Briffa, Keith R.**

The spatial extent of 20th-century warmth in the context of the past 1200 years: **Science**, 311(5762), p. 841-844, illus., 33 ref., February 10, 2006.

**60003464**

**Rignot, Eric (Jet Propulsion Laboratory, Pasadena, CA) and Kanagaratnam, Pannir.**

Changes in the velocity structure of the Greenland ice sheet: **Science**, 311(5763), p. 986-990, illus. incl. 1 table, sketch map, 25 ref., February 17, 2006.

**60003465**

**Dowdeswell, Julian A. (University of Cambridge, Scott Polar Research Institute, Cambridge, United Kingdom).**

The Greenland ice sheet and global sea-level rise: **Science**, 311(5763), p. 963-964, illus., 13 ref., February 17, 2006.

**60003466**

**Satyaranayana, T. (University of Delhi, Department of Microbiology, New Delhi, India); Raghukumar, Chandralata and Shivaji, S.**

Extremophilic microbes; diversity and perspectives: **Current Science**, 89(1), p. 78-90, illus. incl. 2 tables, 78 ref., July 10, 2005. WWW. Accessed on March 21, 2006.  
<http://www.ias.ac.in/currsci/jul102005/78.pdf>

**60003467**

**Wynn, T. M. (Virginia Polytechnic Institute and State University, Biological Systems Engineering, Blacksburg, VA) and Mostaghimi, S.**

Effects of riparian vegetation on stream bank subaerial processes in southwestern Virginia, USA: **Earth Surface Processes and Landforms**, 31(4), p. 399-413, illus. incl. 3 tables, sketch map, 47 ref., April 15, 2006.

**60003468**

**Piotrowski, Jan A. (University of Aarhus, Department of Earth Sciences, Aarhus, Denmark); Larsen, N. K.; Menzies, J. and Wysota, W.**

Formation of subglacial till under transient bed conditions; deposition, deformation, and basal decoupling under a Weichselian ice sheet lobe, central Poland: **Sedimentology**, 53(1), p. 83-106, illus. incl. charts, sects., geol. sketch maps, 92 ref., February 2006.

**60003469**

**Hart, Jane K. (University of Southampton, School of Geography, Southampton, United Kingdom).**

An investigation of subglacial processes at the microscale from Briksdalsbreen, Norway: **Sedimentology**, 53(1), p. 125-146, illus. incl. 6 tables, sketch map, 64 ref., February 2006.

**60003470**

**Kelcey, Barbara E., editor (Diocese of Rupert's Land, Archives, Winnipeg, MB, Canada).**

Polar research; let us share; Amiqqaaluta: **Proceedings - Polar Libraries Colloquy (PLC)**, 20, 196 p., illus. incl. tables, sketch maps, 2004. ISBN: 0-9688463-1-9. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. Individual papers within scope are cited separately.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003471**

**Forand, Liseanne (Indian Affairs and Northern Development Canada, Northern Affairs, Gatineau, QC, Canada).**

The Northern Contaminants Program; a catalyst for action: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 1-4, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. [http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003472**

**Walton, David (British Antarctic Survey, Cambridge, United Kingdom).**

Remembering William James Mills 14 August 1951-8 May 2004: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 5-6, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. [http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003473**

**Sawtell, Shirley (Scott Polar Research Institute, Cambridge, United Kingdom).**

The contribution of the Scott Polar Library with special reference to the work of William Mills, librarian and keeper of the collections: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 7-13, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. [http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003474**

**Kissel, Laura J. (Byrd Polar Research Center, Columbus, OH) and Lay, Lynn B.**

Sharing polar slide collections at the Ohio State University: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 14-19, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003475**

**Stam, David H. (Syracuse University, University Librarian Emeritus, Syracuse, NY) and Dean, John F.**

Arctic survivals; the restoration of records recovered from lost polar expeditions: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 20-24, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003476**

**Walton, David W. H. (British Antarctic Survey, Environment & Information Division, Cambridge, United Kingdom).**

Mining a cold archive; Antarctic Treaty System papers: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 25-32, illus. incl. 2 tables, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. Includes appendix.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003477**

**Wood, Alex (Indian & Northern Affairs Canada, Information Management Branch, Ottawa, ON, Canada).**

Geographic information systems; an overview: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 33-35, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003478**

**MacDonald, Pauline (Natural Resources Canada, Earth Sciences Information Centre, Ottawa, ON, Canada) and Pleasant, Rosemarie.**

Earth Sciences Information Centre; 150 years of library service: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 36-40, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003479**

**Martin, Marie-Eve (Natural Resources Canada, Centre for Topographic Information, Sherbrooke, QC, Canada).**

Building a northern topographic data base from multiple satellite data sources: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 41-46, illus. incl. sketch map, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003480**

**Devers, Sylvie (Muséum National d'Histoire Naturelle, Bibliothèque Centrale, Paris, France).**

French travellers and explorers in Siberia; the October 2003 exhibition at the Polar Academy in St. Petersburg, and the upcoming exhibition in Paris at the central library of the Muséum national d'histoire naturelle in October 2004: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 47-51, 27 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003481**

**Hume, Valerie (Indian & Northern Affairs Canada, Gatineau, QC, Canada).**

Is science influencing programs for children and youth in the Arctic?: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 52-59, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003482**

**Bigras, Steven C. (Canadian Polar Commission, Ottawa, ON, Canada).**

Northern Research Forum: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 60-61, 2 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003483**

**Stephens, Dennis (University of Alaska Fairbanks, Fairbanks, AK).**

Being a librarian; multi-tasking at the reference desk, ca. 1890: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 62-79, 3 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003484**

**Kelcey, Barbara E. (Diocese of Rupert's Land, Matlock, MB, Canada).**

Exactly where is the Rupert's Land anyway and why would anyone want to go there?: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 80-84, illus. incl. sketch maps, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003485**

**Lincoln, Tamara (Univesity of Alaska at Fairbanks, North Pole, AK).**

Following the tracks of pioneer; the odyssey of Raffaello Lugnani, an ardent troubadour in search of America: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 85-91, illus. incl. portrs., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003486**

**Morton, Anne (Hudson's Bay Company Archives, Winnipeg, MB, Canada).**

Record, memories and stories; a trip round Jimmy Bell: *in* Polar research; let us share;

Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 92-97, illus. incl. portr., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003487**

**Goerler, Raimund E. (Ohio State University, Columbus, OH).**

Shaping public memory; the Dr. Frederick A. Cook Society and Admiral Byrd's Antarctic Associates: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 98-106, illus., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003488**

**Major-Marothy, Eva (Portrait Gallery of Canada, Acquisition & Research, Ottawa, ON, Canada).**

From St Helena to the Canadian Arctic; the Andrew Motz Skene sketchbook: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 107-110, illus., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003489**

**Flemming, Clare (Explorers Club, Research Collections, New York, NY) and MacPhee, R. D. E.**

Newly revealed; records of three American polar archives in The Explorers Club, New York: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 111-115, illus., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003490**

**Stam, Deirdre C. (Long Island Univesity).**

Reading and the poles; asking the PLC experts: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 116-117, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. Includes appendix.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003491**

**Sarti, Sylvia (Programma Nazionale di Ricerche in Antartide (PNRA), Rome, Italy).**

"Ask a librarian"; user education in the experience of the Italian Antarctic Program Library: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 118-121, 2 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003492**

**Inouye, Ronald K. (University of Alaska at Fairbanks, Fairbanks, AK).**

Notes on a panel discussion; research and information on traditional ecological knowledge: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 123-124, illus., 5 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003493**

**Simundsson, Elva (Fisheries & Oceans Canada, Central & Arctic Region, Winnipeg, MB, Canada).**

Traditional ecological knowledge; information resources management of TEK in the Fisheries & Oceans Canada, Central & Arctic Region Library: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 125-128, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003494**

**Triplehorn, Julia H. (International Arctic Research Center (IARC), Geophysical Institute, Fairbanks, AK).**

Traditional knowledge: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 129-132, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003495**

**Goodwin, Ross (University of Calgary, Arctic Institute of North America, Calgary, AB, Canada).**

Traditional ecological knowledge: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 133, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003496**

**Patterson, Rae-Lynne (Nunavut Arctic College, Iqualuit, NU, Canada) and Earle, Yvonne.**

Making resources go farther; a resource sharing project in Nunavut: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 134-137, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003497**

**Campbell, Sandy (University of Alberta, Science and Technology Library, Edmonton, AB, Canada).**

Virtual polar reference; a think paper: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 138-147, illus., 1 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003498**

**Murray, Kathleen (University of Alaska at Anchorage, Anchorage, AK) and Means, Susan.**  
The Arctic health website; lessons learned & future directions: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 148-150, 1 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003499**

**Sivak, Allison (Univesity of Alberta, Science and Technology Library, Edmonton, AB, Canada).**

PolarInfo; moving indexing into the 20<sup>th</sup> century: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 151-154, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003500**

**Jones, Mary Katherine (University of Tromso, Tromso, Norway).**

The Spitsbergen database: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 155-159, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003501**

**Tahirkeli, Sharon (American Geological Institute, Alexandria, VA).**

Distribution of source materials for the Antarctic Bibliography and The Bibliography on Cold Regions Science and Technology: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 160-164, illus. incl. 2 tables, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. NSF Grant OPP-9909727.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003502**

**Goodwin, Ross (University of Calgary, Arctic Institute of North America, Calgary, AB, Canada).**

The Arctic Science and Technology Information System; subset databases as a method of improving comprehensiveness: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 165-169, 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003503**

**L'Heureux, Liz (Univesity of Alberta, Edmonton, AB, Canada).**

Rethinking policy for the film and video collection at the University of Alberta's Canadian Circumpolar Library: *in* Polar research; let us share; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 170-174, 8 ref., 2004. *Meeting:* Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada. Includes appendix.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003504**

**Markusova, Valentina (All Russian Institute for Scientific and Technical Information, Moscow, Russian Federation); Aversa, Elizabeth and Jansz, Margriet.**

Electronic library program and access to its resources from provincial universities: *in Polar research; let us share*; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 176-182, 2004. *Meeting*: Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003505**

**Walton, David (British Antarctic Survey, Cambridge, United Kingdom).**

A virtual reference library for the University of the Arctic: *in Polar research; let us share*; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 183, 2004. *Meeting*: Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.  
[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)

**60003506**

**Brannemann, Marcel (Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Federal Republic of Germany).**

Alfred Wegener Institute for Polar and Marine Research; facts and figures: *in Polar research; let us share*; Amiqqaaluta (Kelcey, Barbara E., editor), **Proceedings - Polar Libraries Colloquy (PLC)**, 20, p. 44-46, illus., 2004. *Meeting*: Twentieth polar libraries colloquy, June 7-11, 2004, Ottawa, ON, Canada.

[http://arcticcentre.ulapland.fi/polarweb/PLC04\\_full.pdf](http://arcticcentre.ulapland.fi/polarweb/PLC04_full.pdf)